1/8 SCALE 4WD GAS POWERED RACING BUGGY

MBX4

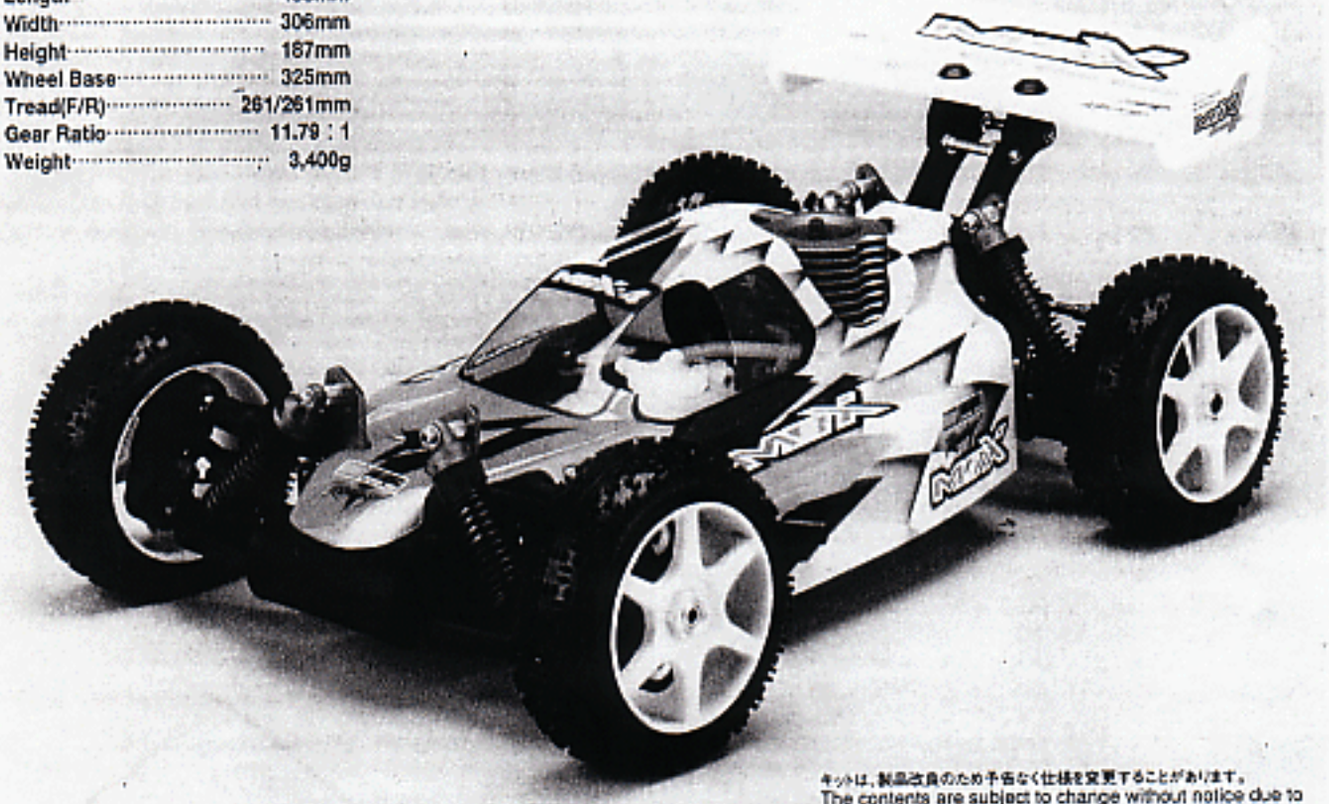
MUGEN SEIKI®

取扱説明書
INSTRUCTION MANUAL

KIT NO. C0050/C0051:59800・79800

(Technical Data)

Length	488mm
Width	306mm
Height	187mm
Wheel Base	325mm
Tread(F/R)	261/261mm
Gear Ratio	11.79 : 1
Weight	3,400g



キットは、製品改良のため予告なく仕様を変更することがあります。
The contents are subject to change without notice due to product improvements and specification changes.

●3デフシャフトドライブ4WD●4ベベルギヤデフ●スチールコニカルギヤ●スチールスパーギヤ●2ピースギヤボックス●セパレートサスペンションマウト●アライメントを自在に変更できる前後ダブルウィシュボーンサスペンション●フロントユニバーサルジョイント ●前後アンチロールバー ●前後テンションロッド ● アジャスター付前後 ディスクブレーキ ●ダストラバー付前後ダンパー●皿ねじ加工されたA70-75(T6) 3m/mシャーシ●A70-75(T6) 前後ダンパーステー●3ピースクラッチ&フライホイール●燃料フィルター内蔵の燃料タンク●湿式のエアーフィルター●レシーバーボックス●6V5N-500mAh受信機バッテリー専用ホルダー●可変式ウイングステー●ナイロンウイング●新型ストーンガード●軽量スポークホイル●フルベアリング

● 3 Differential Shaft Drive 4WD ● 4 Bevel Gears●Steel Conical Gear●Steel Spur Gear●2-pcs Gear Box●Separate Suspension Mount●F/R Double Wishbone Suspension●Front Universal Joint ●F/R Anti-Roll Bar ●F/R Tension Rod ●F/R Disk Brake w/Adjuster●F/R Damper w/Dust Rubber● 3m/m Flat Surface Chassis A70-75 (T6) ●A70-75 (T6) F/R Damper Stay●3-pcs Clutch & Flywheel●Fuel Tank w/Filter●Air Filter●Box type Receiver Case●Battery Holder For 6V5N-500mmAh Receiver Battery●Adjustable Wing Stay●Nylon Wing●New Stone Guard ●Light-weight Spoke Wheel●Ball-raced

キット以外に必要なもの:
6V5N-500mAh受信機バッテリー付の2chプロポ、21クラス(3.5cc)後方排気エンジン、マフラー、マニホールド、タイヤ&インナーフォーム、エンジン始動用具、塗装用具。

Other items needed to operate this model :
2 Channel radio with servos, 3.5cc R/Exhaust Engine with muffler, manifold, tire & innerfoam, starter, and fuel.

A WEB SITE FOR THE SERIOUS RACER

株式会社 無限精機 〒274-0817 千葉県船橋市高根町1395番地
MUGEN SEIKI CO.,LTD. 1395 Takane-Cho, Funabashi, Chiba 274-0817, Japan
TEL:0474-30-1663 FAX:0474-30-1665

組立てに入る前に説明図を最後までよく見てから作業を始めて下さい。
Before you start to assemble the kit, please see the instruction manual to the end.

1 Kit Bag A, B.

SK 5×5

SG 3×20

SM 3.5×30

SM 3.5×40

<オプションパーツ/Option Parts>
= B0301 ロックファームリキッド
= B0301 LOCKFIRM LIQUID
・C0255を分解、交換時には必ずSK(5×5)にネジロック剤を付けてから取り付けて下さい。
・SM3.5×30は締めすぎに注意して下さい。
Assemble the front and rear diffs by referring to the diagram to the right. Be sure to use a liquid screw locking compound on the SK(5×5) and SG(3×20) screws. Be careful not to over-tighten the SM(3.5×30) screws.

・ムゲンロックファームリキッドを使用する場合、右図の様に谷の部分に少し付く位て、5山位つけて下さい。

When using a liquid screw locking compound, be sure to apply it as shown in the above diagram.

レースに出場される方は、セッティングシートを参考にしてください。
Please refer to Setting Sheet when going to take part in Competition.

<オプションパーツ/ Option parts>

#80317 デフ用スーパーシリコン #	10000
#80318 デフ用スーパーシリコン #	30000
#80319 デフ用スーパーシリコン #	50000
#80320 デフ用スーパーシリコン #	100000
#80321 デフ用スーパーシリコン #	3000
#80322 デフ用スーパーシリコン #	5000
#80323 デフ用スーパーシリコン #	7000
#80324 デフ用スーパーシリコン #	1000
#80317 SUPER SILICONE FOR DIFF #	10000
#80318 SUPER SILICONE FOR DIFF #	30000
#80319 SUPER SILICONE FOR DIFF #	50000
#80320 SUPER SILICONE FOR DIFF. #	100000
#80321 SUPER SILICONE FOR DIFF #	3000
#80322 SUPER SILICONE FOR DIFF #	5000
#80323 SUPER SILICONE FOR DIFF #	7000
#80324 SUPER SILICONE FOR DIFF #	1000

2 Kit Bag A.

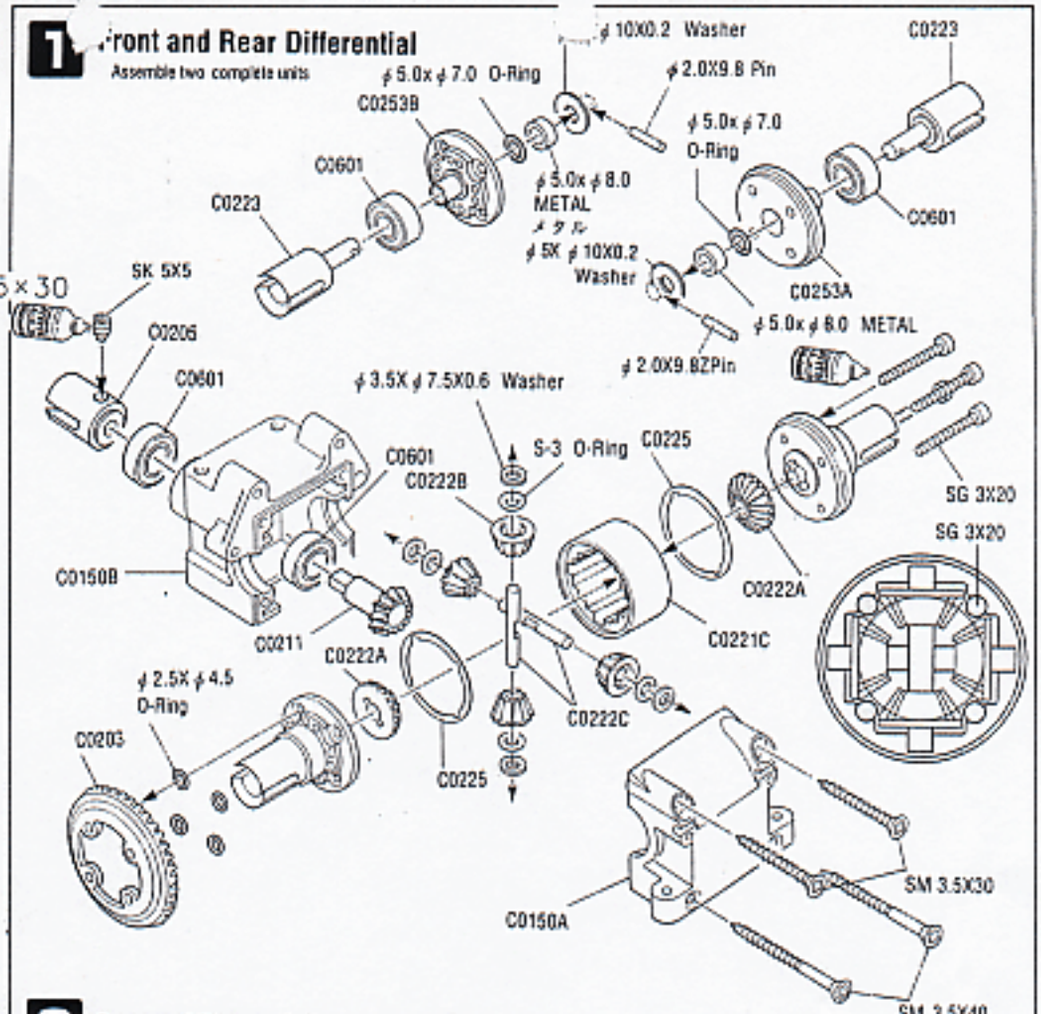
SK 5×5

SG 3×20

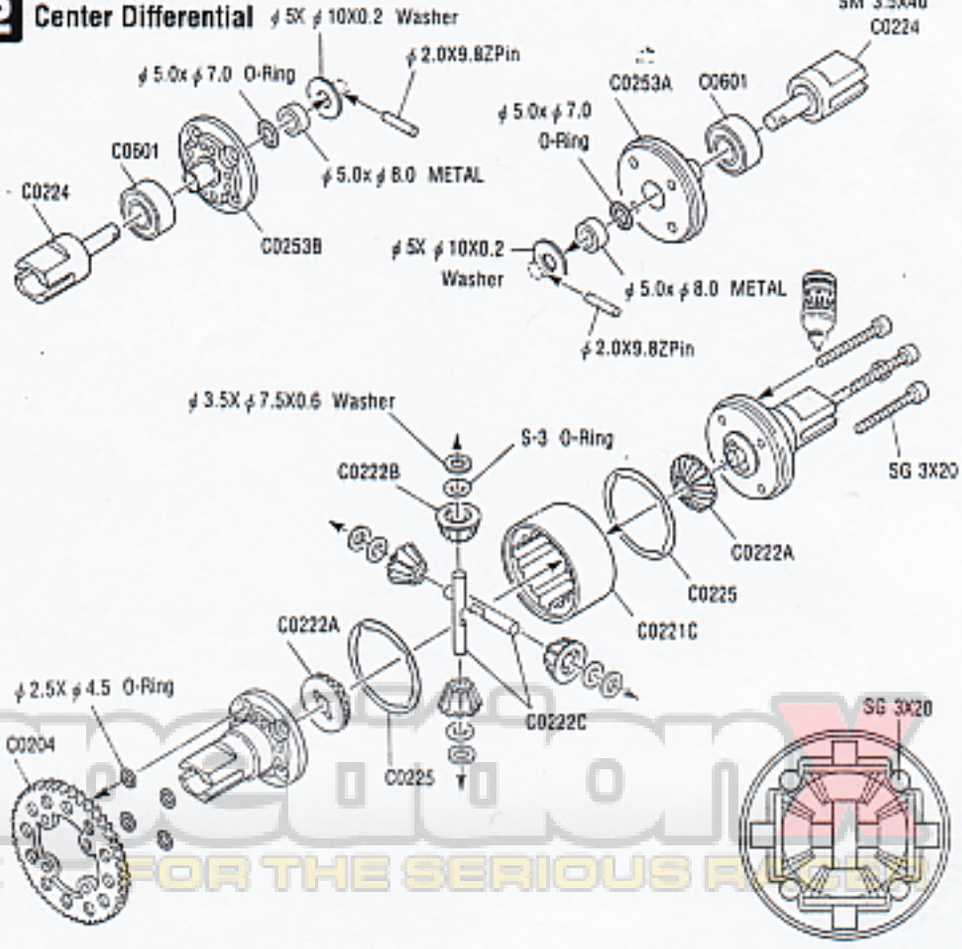
Assemble the center differential as shown in the diagram. Be sure to use liquid screw lock compound on SK(5×5) and SG(3×20) screws.

1 Front and Rear Differential

Assemble two complete units



2 Center Differential



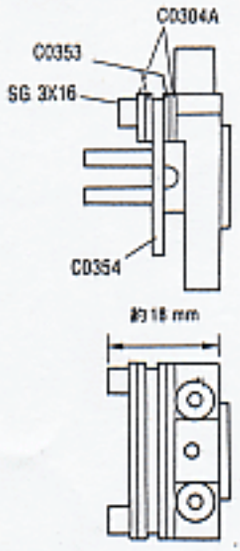
ultimate FOR THE SERIOUS RACER

3 Kit Bag C, M.

SK 3×5

SL 3×12

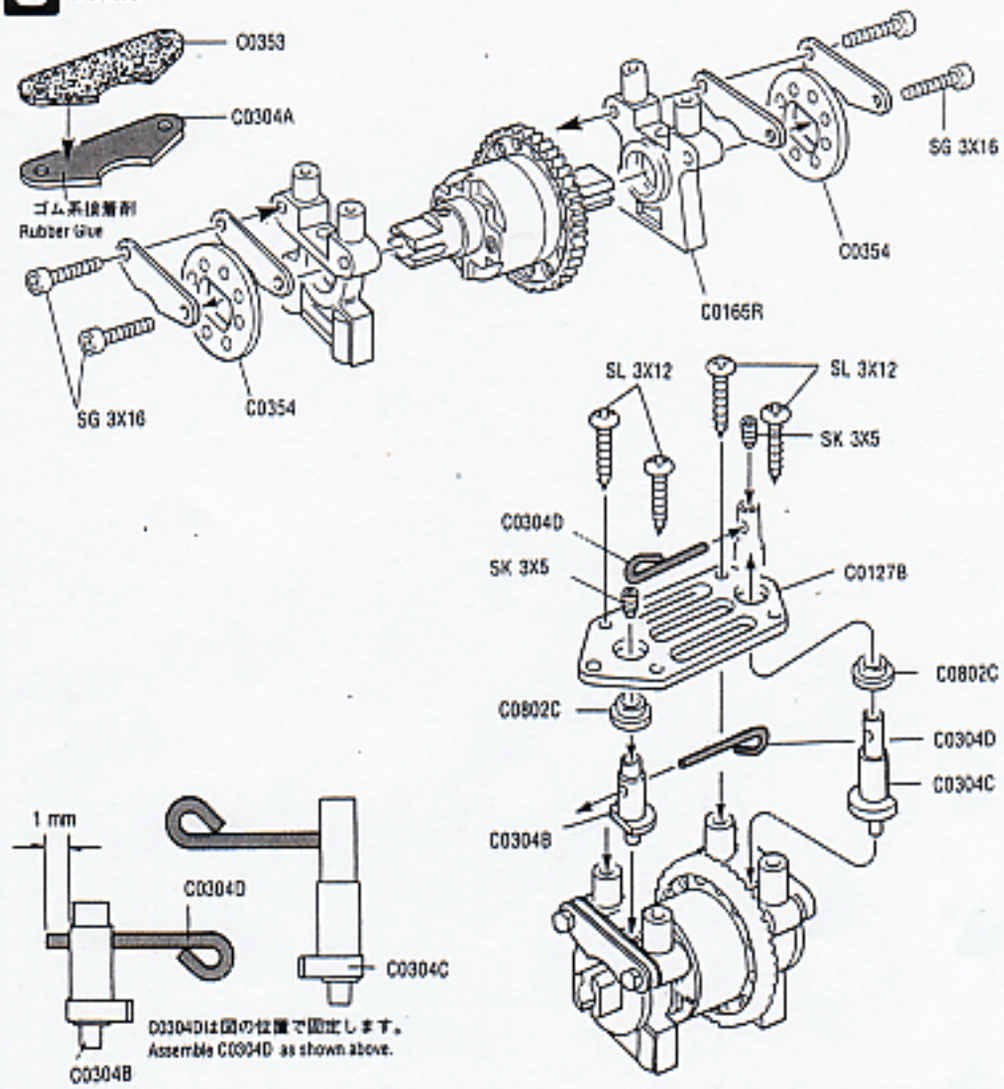
SG 3×16



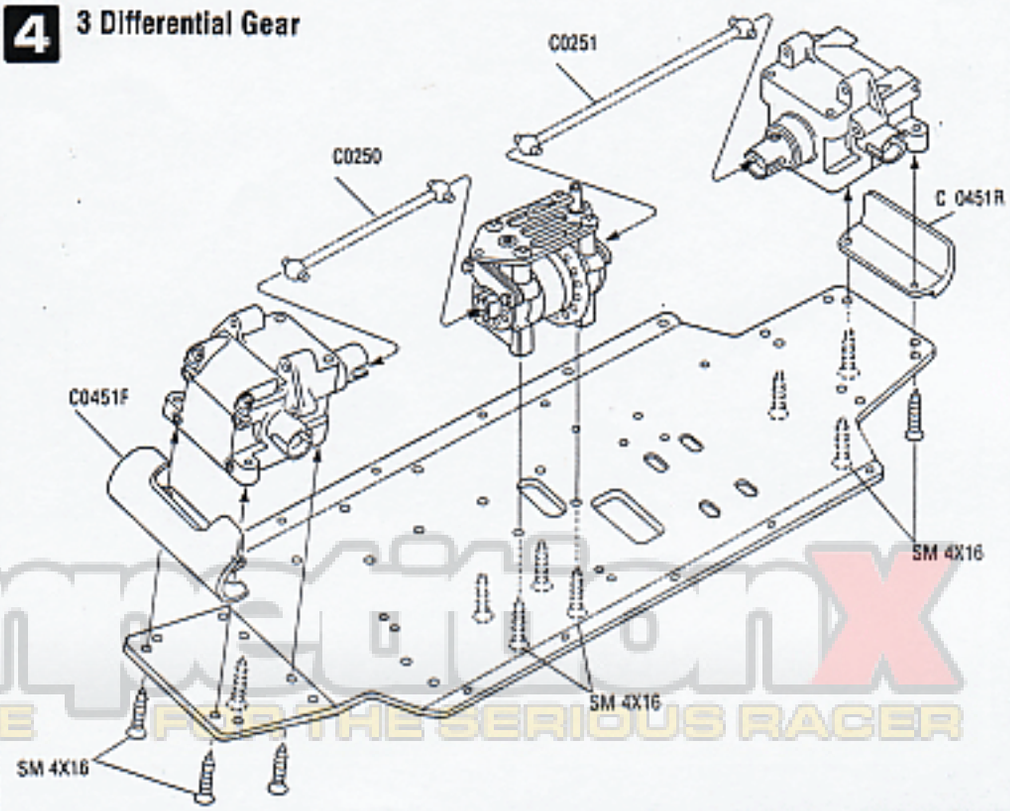
4 Kit Bag B, C.

SM 4×16

3 Brake



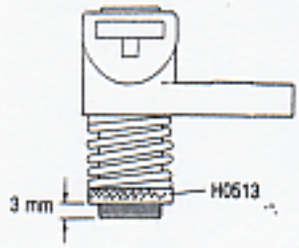
4 3 Differential Gear



Competition X
A WEB SITE FOR THE SERIOUS RACER

5 Kit Bag E, H.

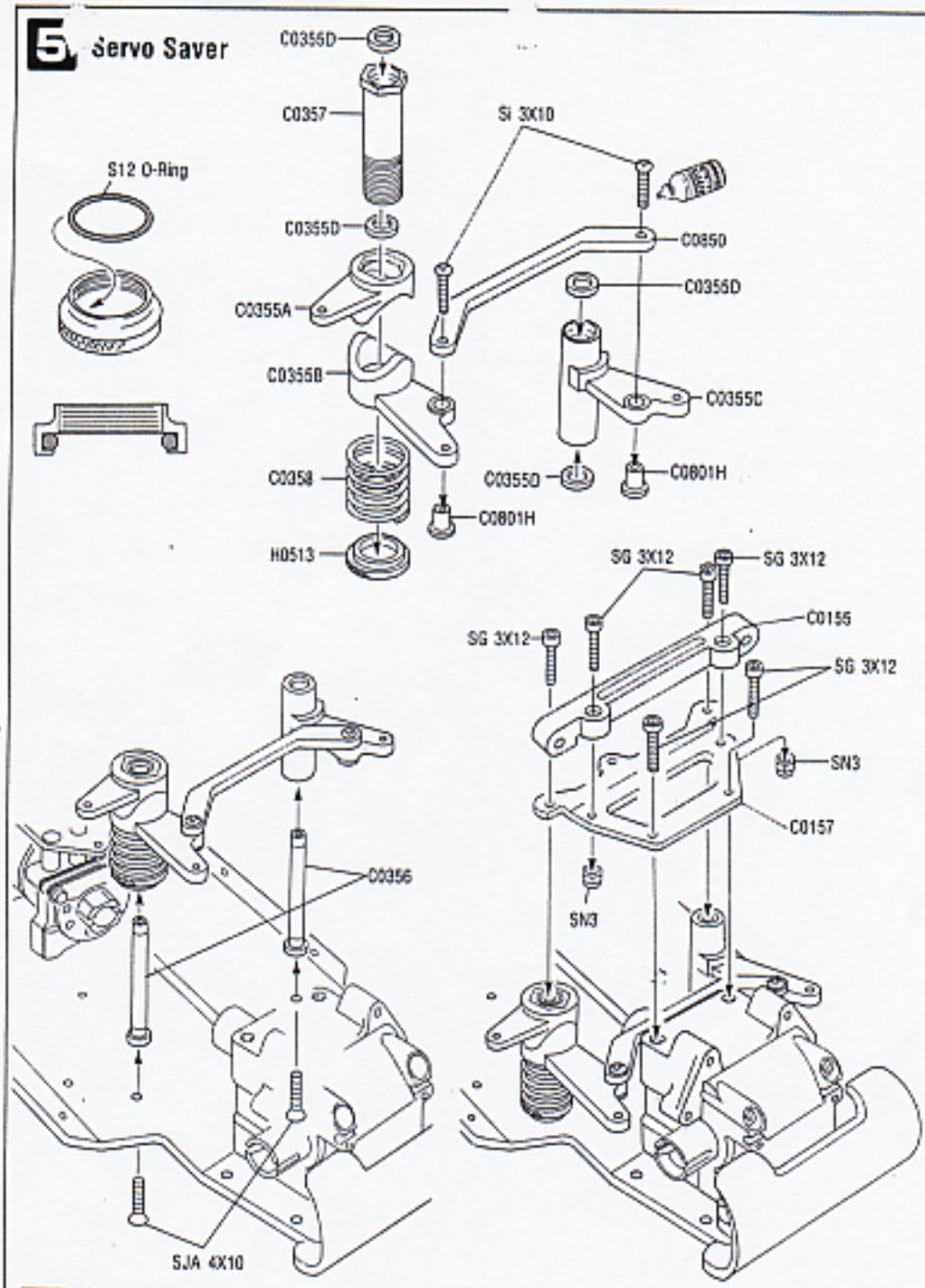
- Si 3×10
- SJA 4×10
- SG 3×12
- SG 3×16
- SN3(Nyron nut)



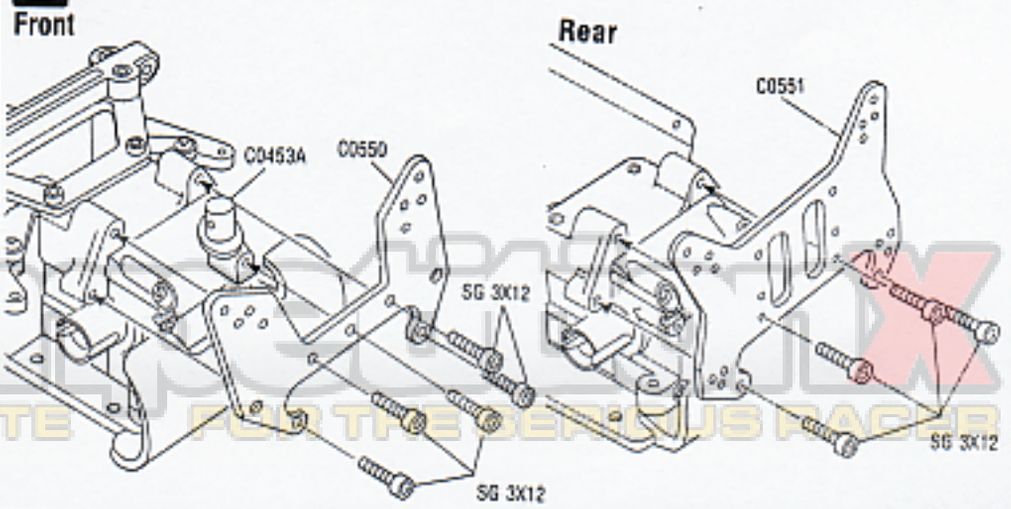
6 Kit Bag J.

- SG 3×12

5 Servo Saver



6 Shock Tower



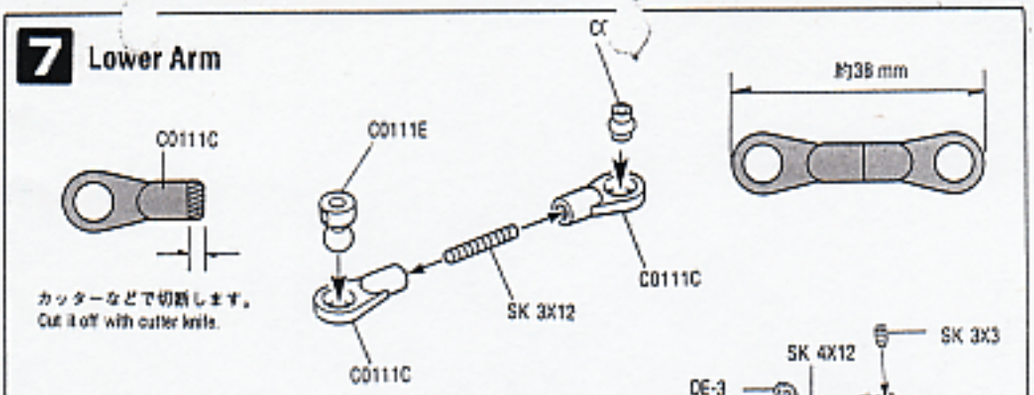
A WEB SITE FOR THE SERIOUS RACER

7 Kit Bag D, F, G.

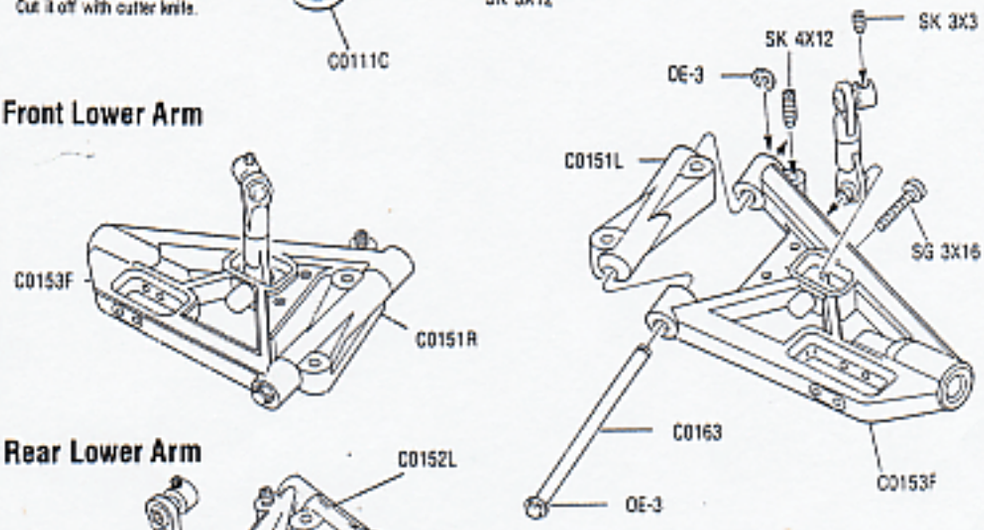
Make two rear suspension sutabilizer arms by cutting down C0111 as shown and attach them to the SK 3X12 screw. The overall length of these arms is 38mm.

- SK 3×3
- SK 3×12
- OE-3
- SG 3×16

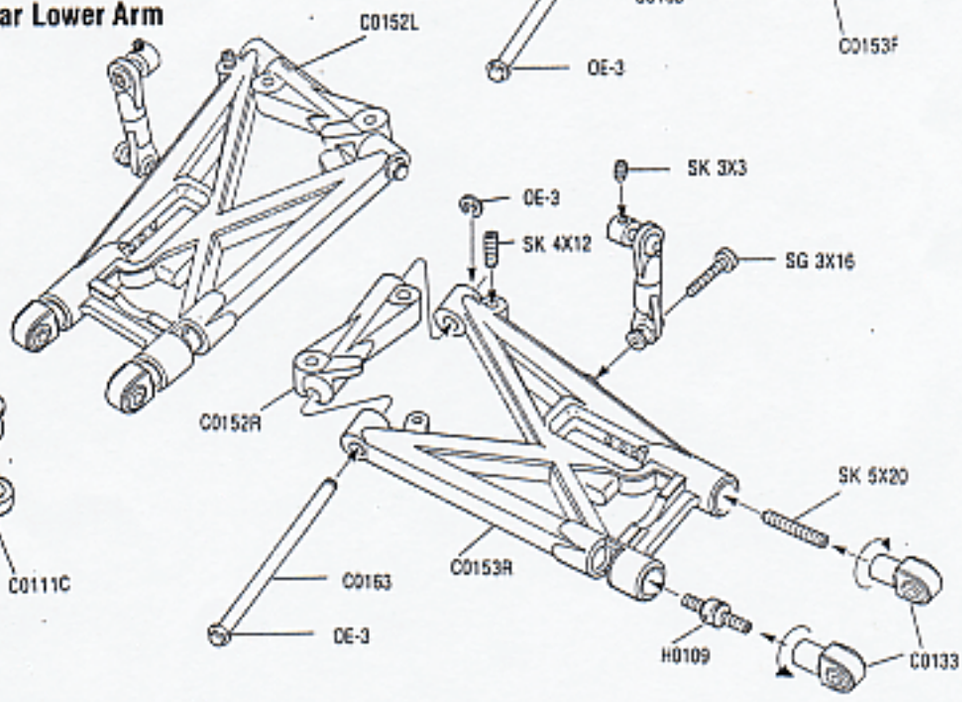
7 Lower Arm

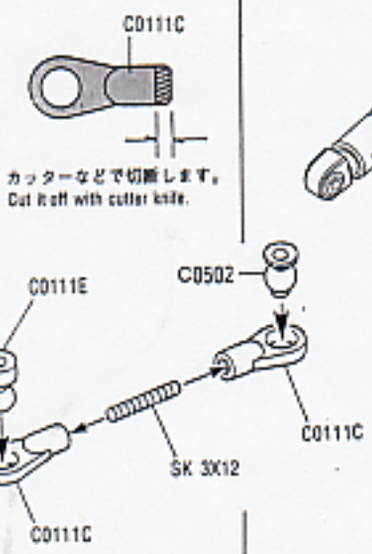


Front Lower Arm



Rear Lower Arm





C0133を締め込む場合、別紙のセッティングシートを参考に締め込んでください。
Please refer to the "SETTING SHEET" in a separate sheet.

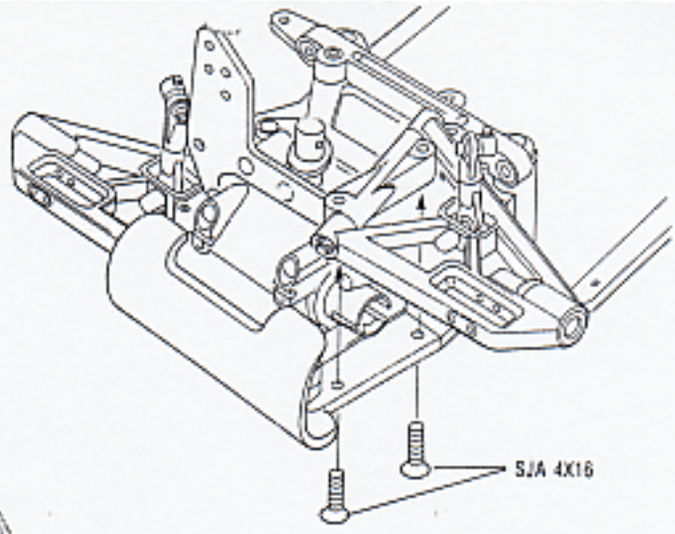
Competition X
A WEB SITE FOR THE SERIOUS RACER

8 Kit Bag D.

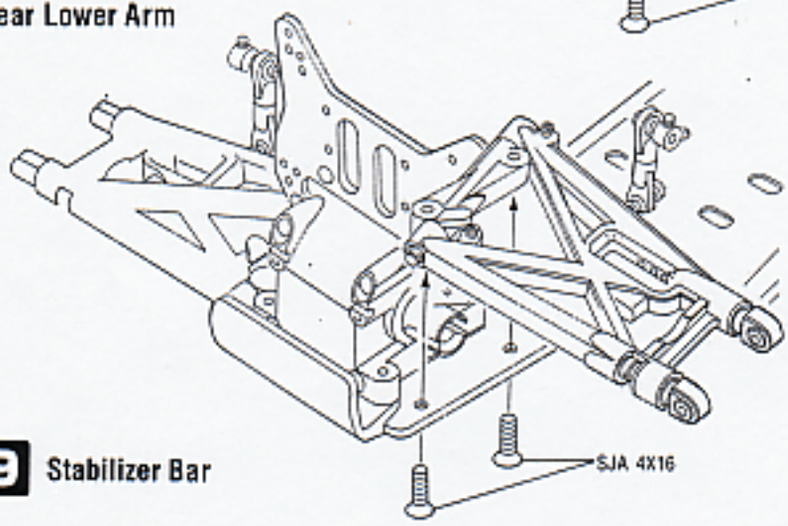
SJA 4×16

8 Lower Arm

Front Lower Arm



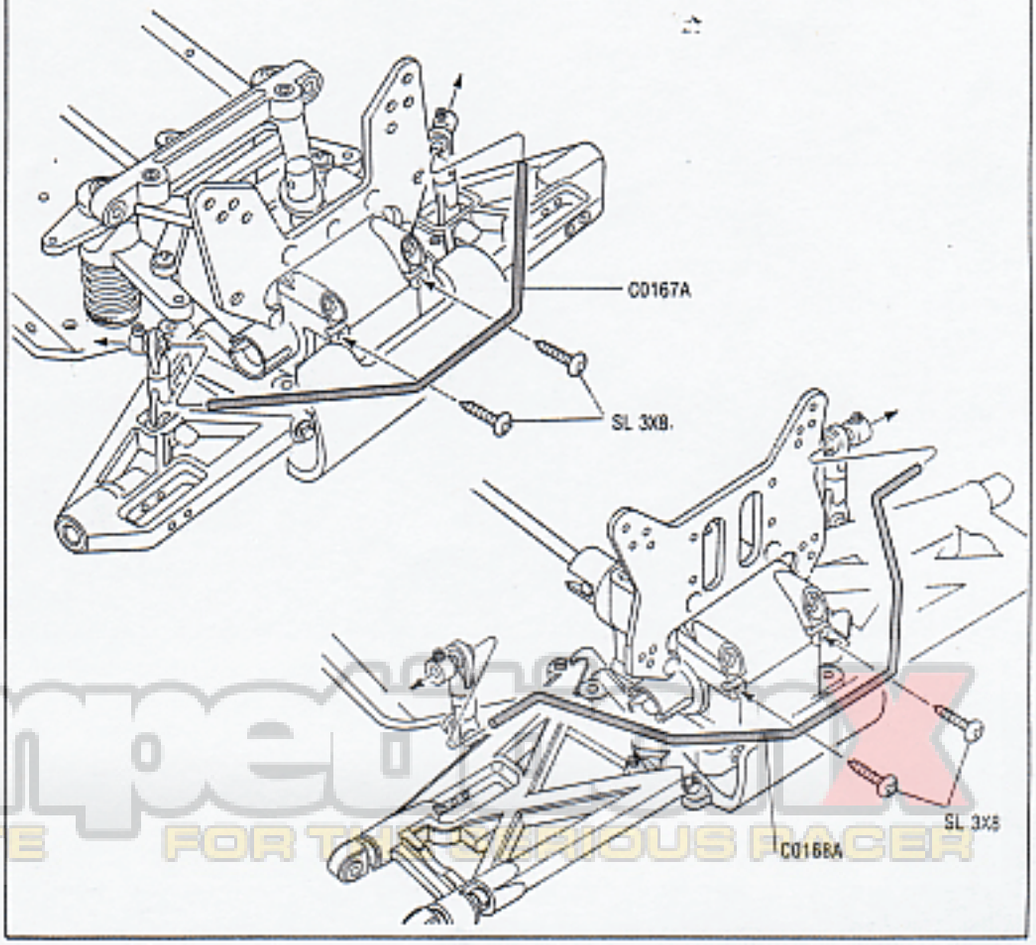
Rear Lower Arm



9 Kit Bag G, Q.

SL 3×8

9 Stabilizer Bar



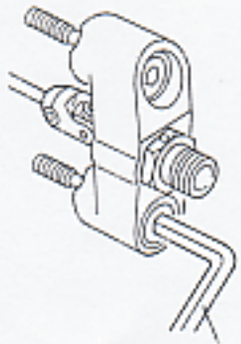
Competition
A WEB SITE FOR THE SERIOUS RACER

10 Kit Bag E.

SK 4×5

SK 5×5

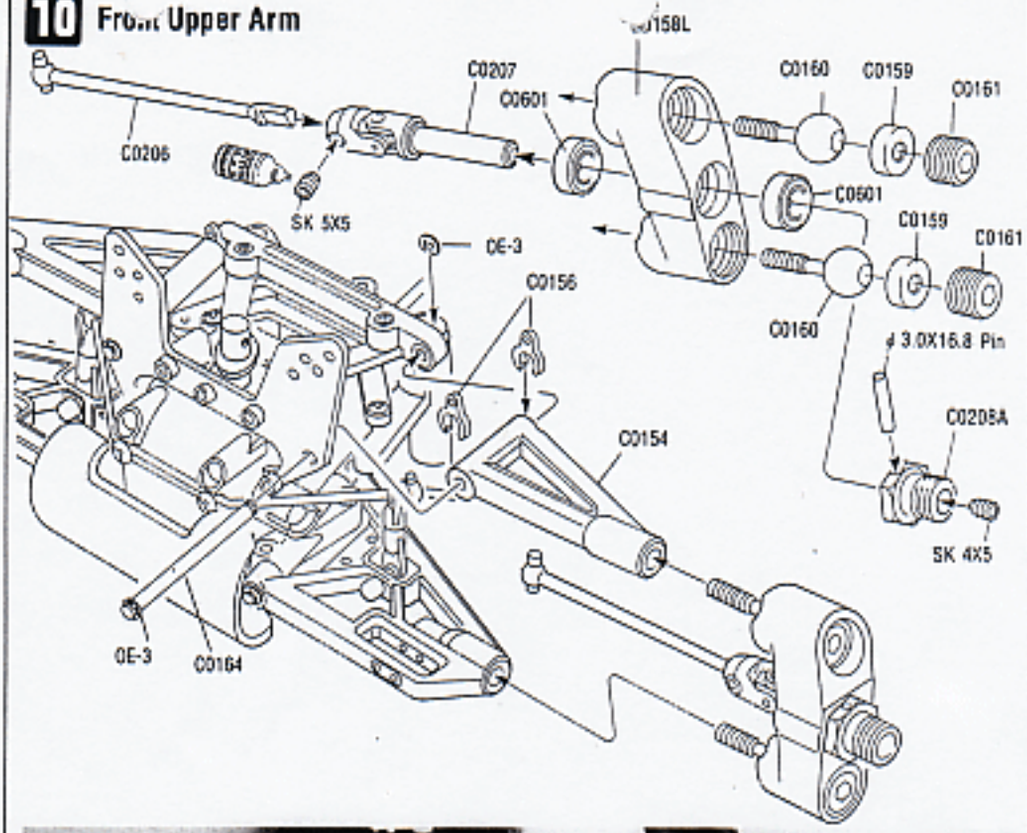
OE-3



5mm六角レンチ
5mm Hexagonal Wrenches

C0161は、C0160がガタ無くスムーズに動く様に締めだけます。
Screw C0161 so as C0160 to move smoothly.

10 Front Upper Arm

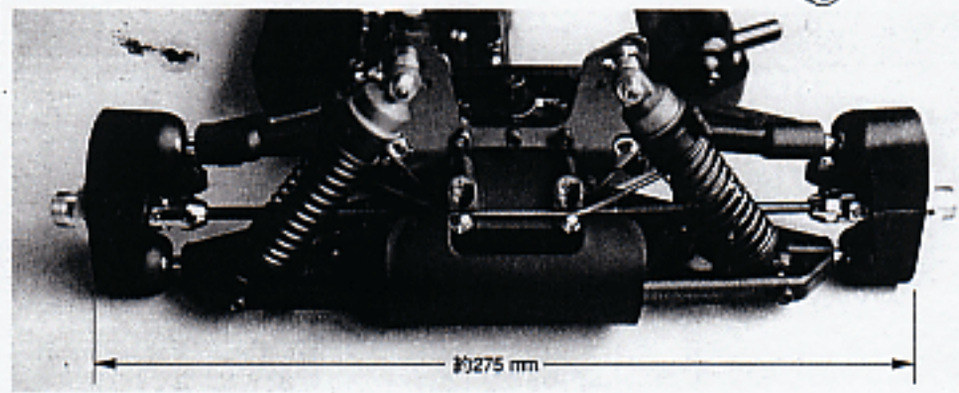


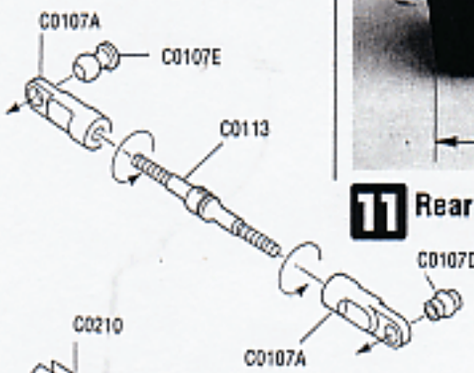
11 Kit Bag E, F.

SG 3×20

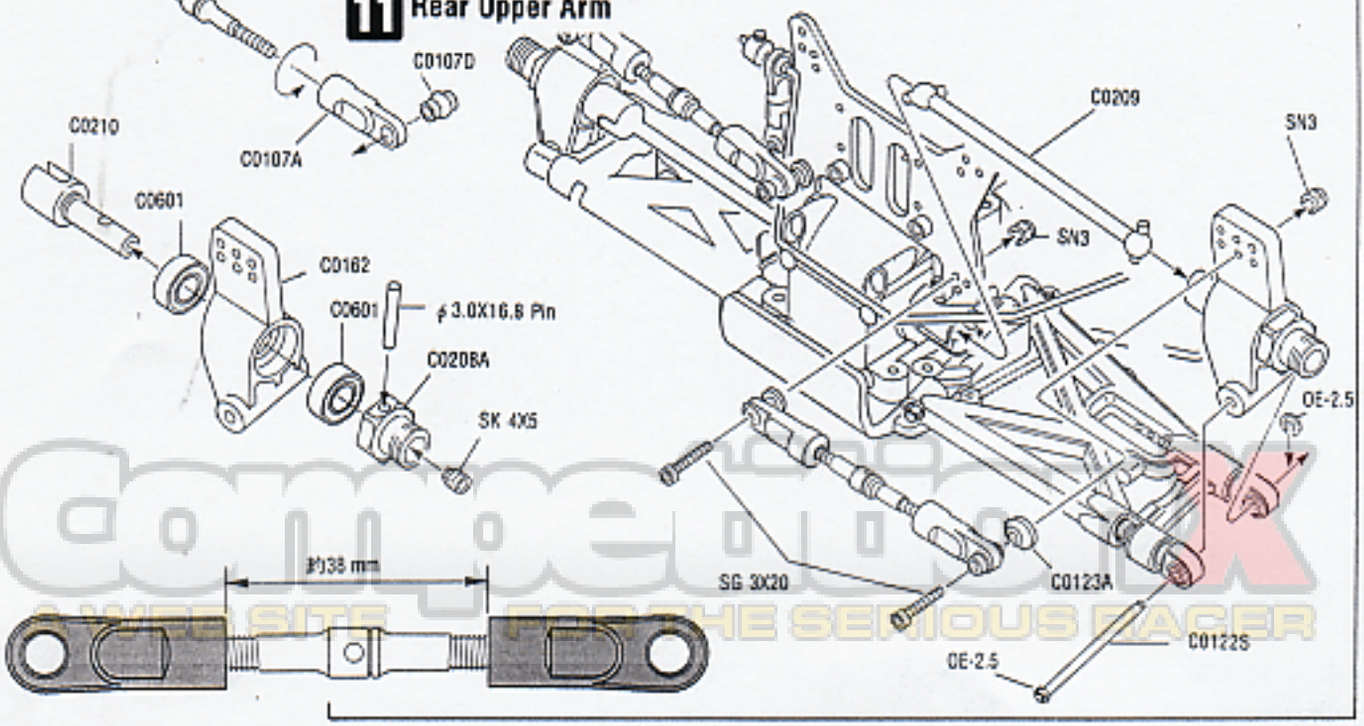
OE-2.5

SN3(Nyron nut)





11 Rear Upper Arm

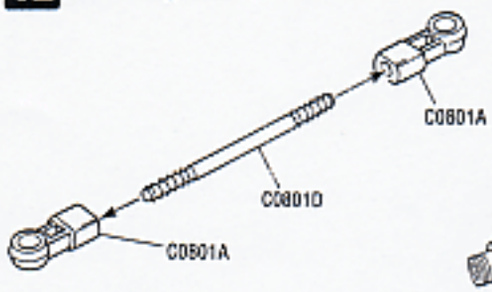


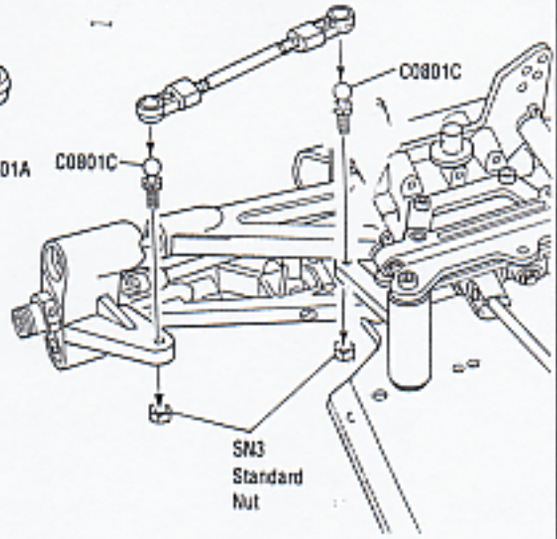
Competition Works
A WEB SITE FOR THE SERIOUS RACER

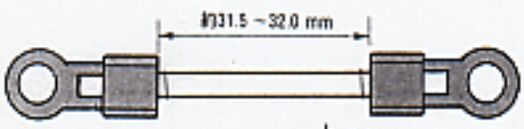
12 Kit Bag H.

SN3(Standerd nut)

12 Steering Rod







13 Kit Bag J.

SG 3×20

SN3(Nyron nut)

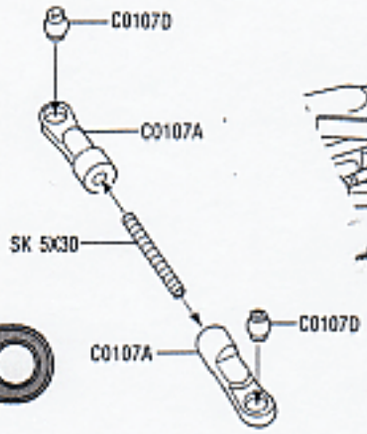
SG 3×12

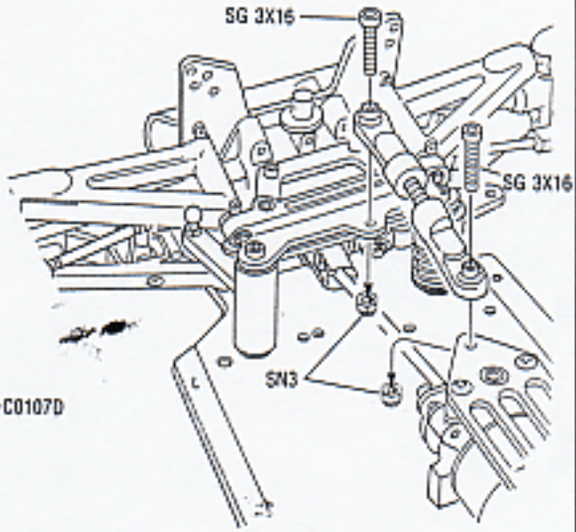
SG 3×16

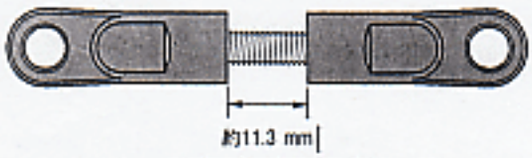
SJA 3×12

13 Tention Rod

Front Tention Rod



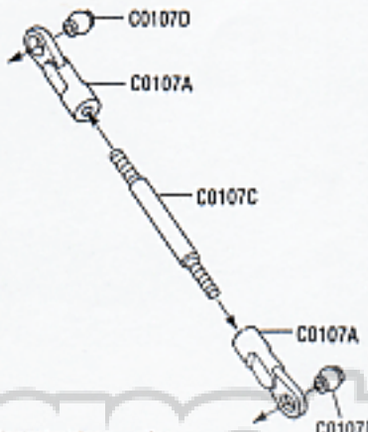


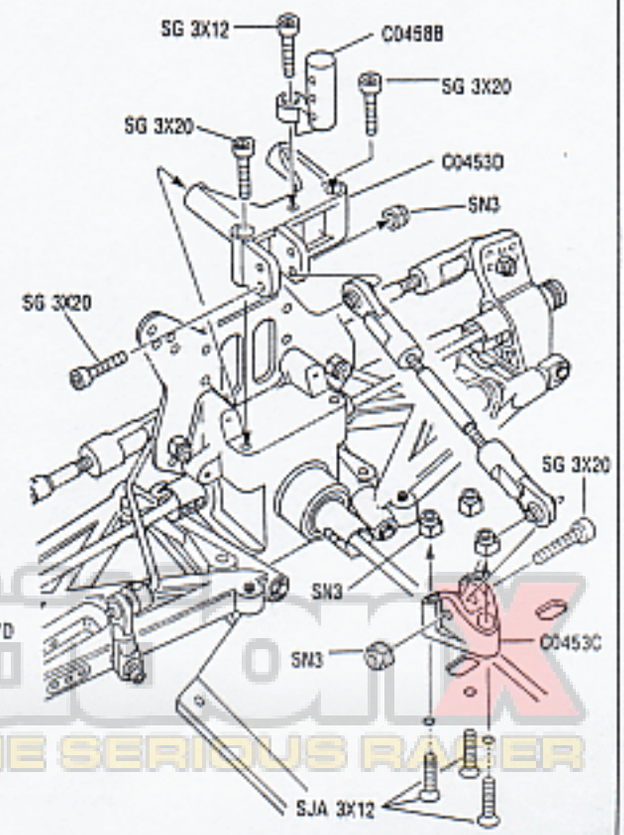


シャーシに取り付け後C0107Aがスムーズに
動く様に長さを調整して下さい。

Adjust the length of C0107A after
put C0107A on the chassis.

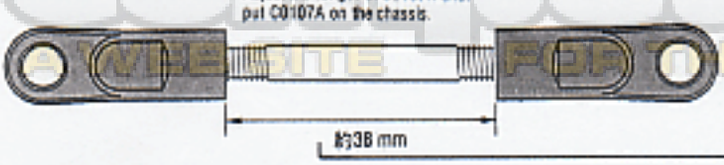
Rear Tention Rod





シャーシに取り付け後C0107Aがスムーズに
動く様に長さを調整して下さい。

Adjust the length of C0107A after
put C0107A on the chassis.

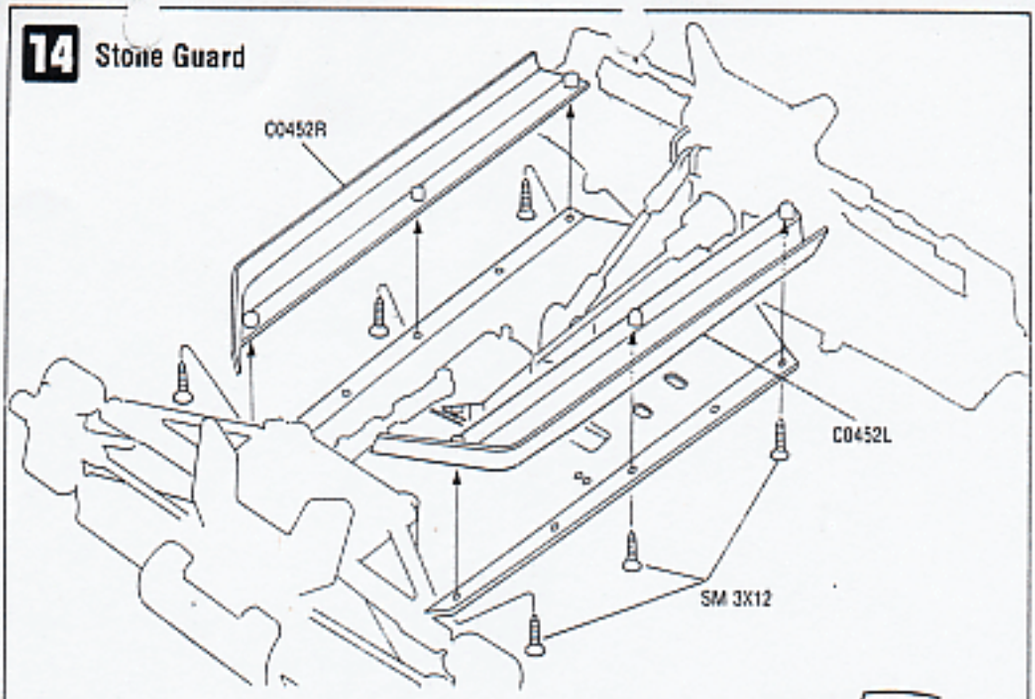


Competition
A WEBSITE FOR THE SERIOUS RACER

14 Kit Bag I.

SM 3×12

14 Stone Guard



15 Kit Bag L.

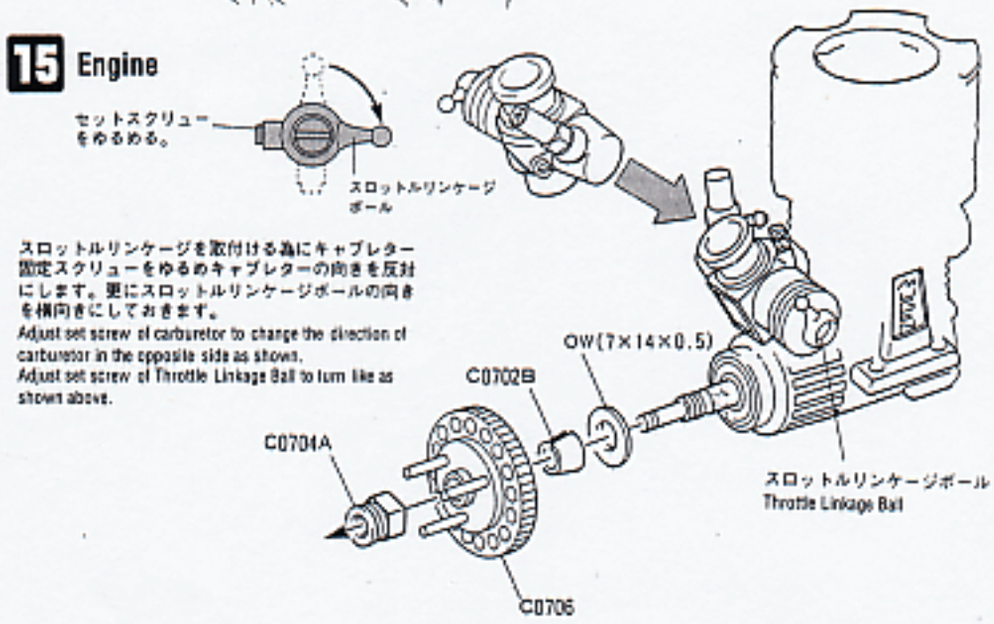
SG 3×8

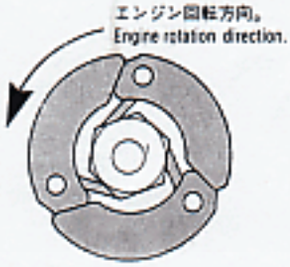
OW3×8×0.5

OW5×10×1

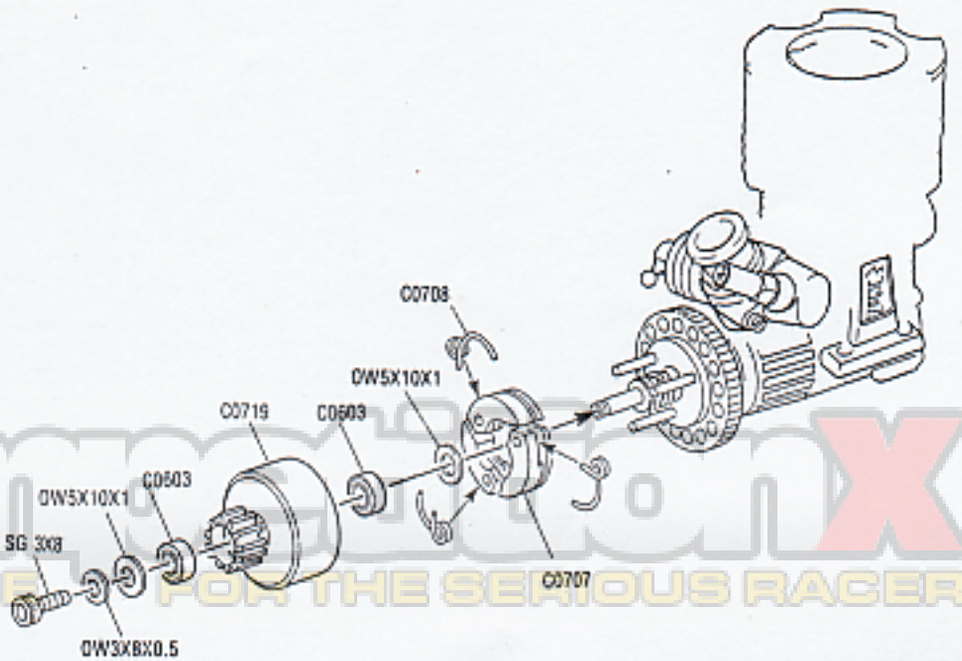
OW7×14×0.5

15 Engine





C0704AにC0708スプリングの
先をかけます。
Hook on C0708 SPRING top
edge to C0704A.



competitionX
A WEB SITE FOR THE SERIOUS RACER

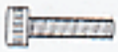
T6 Kit Bag L.

SK 4×5

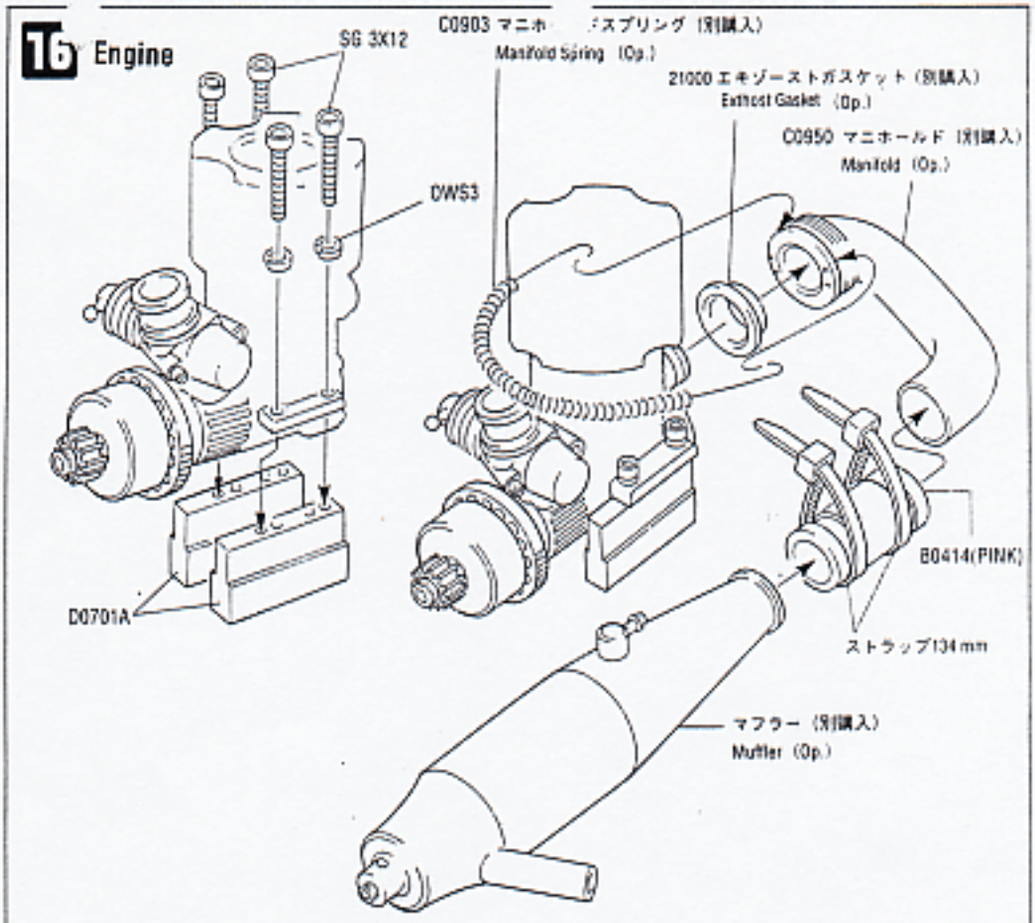
D0701B

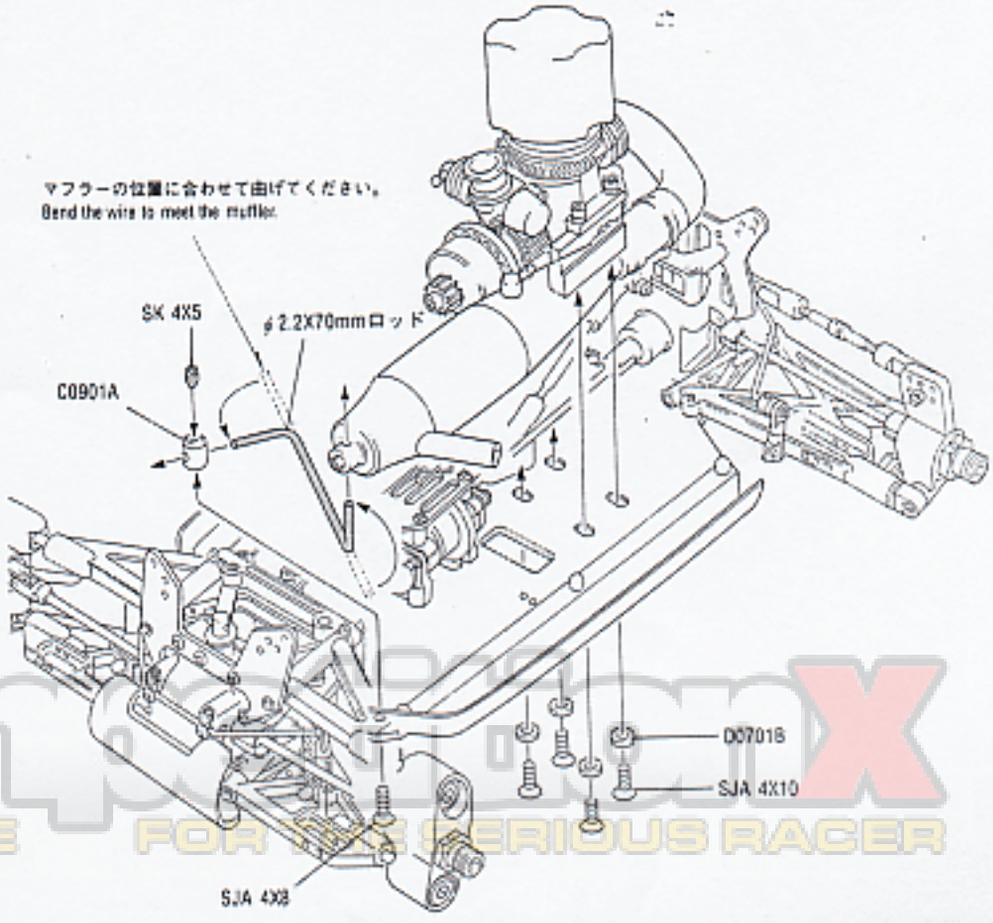
SJA 4×8

SJA 4×10


SG 3×12

T6 Engine





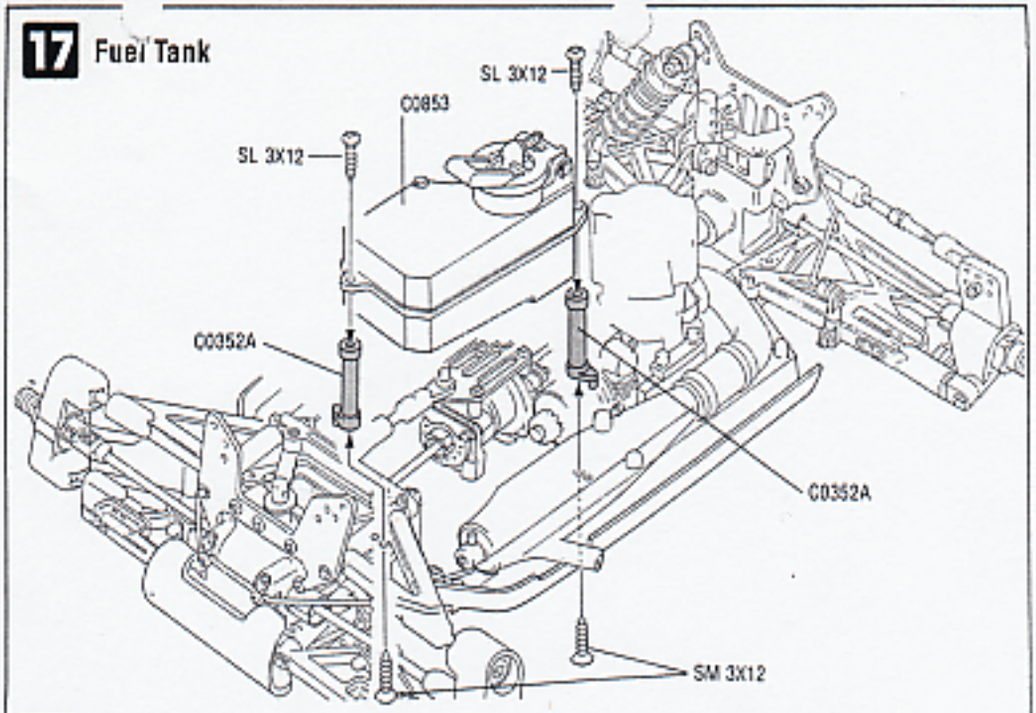
Competition X
A WEB SITE FOR THE SERIOUS RACER

17 Kit Bag K.

SL 3×12

SM 3×12

17 Fuel Tank

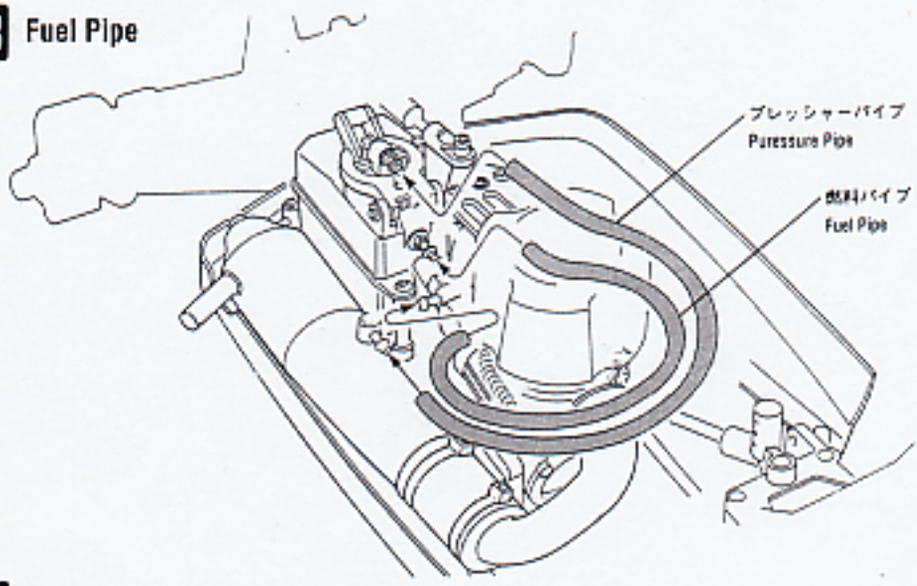


18 Kit Bag P

〈オプションパーツ/Option Parts〉
= 80410 カラーシリコンパイプ(ピンク)
= 80411 カラーシリコンパイプ(グリーン)
= 80412 カラーシリコンパイプ(イエロー)
= 80410 COLOR SILICONE PIPE(PINK)
= 80411 COLOR SILICONE PIPE(GREEN)
= 80412 COLOR SILICONE PIPE(YELLOW)

〈オプションパーツ/Option Parts〉
= 80103 燃料フィルターL
= 80104 燃料フィルターS
= 80103 FUEL FILTER L
= 80104 FUEL FILTER S

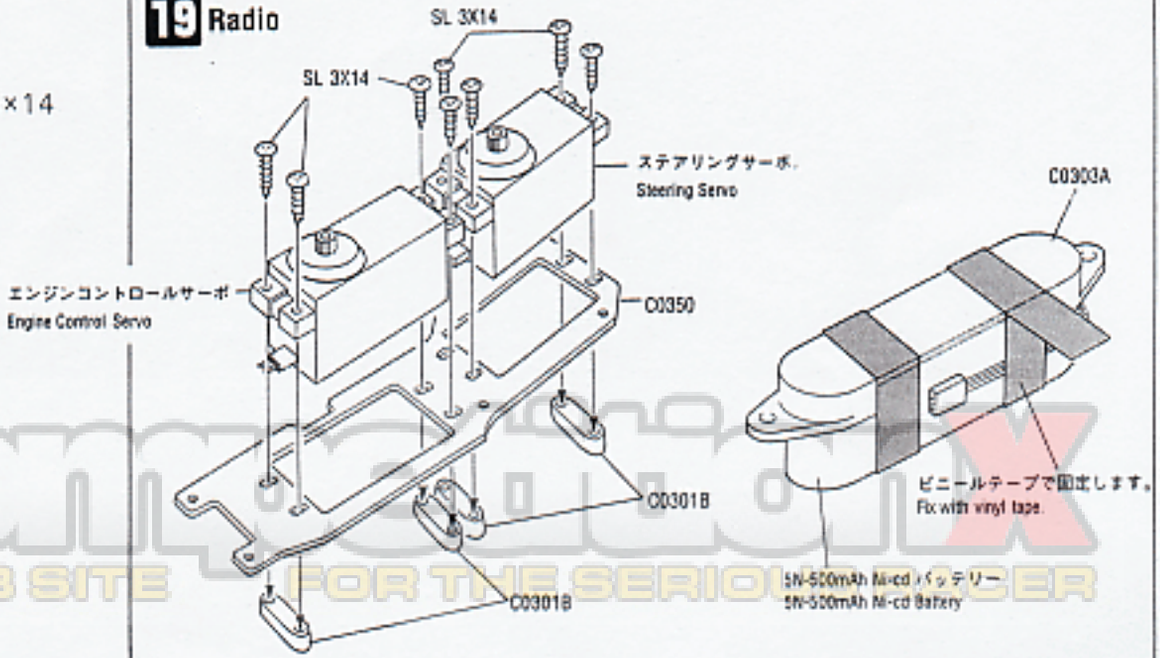
18 Fuel Pipe



19 Kit Bag K.

SL 3×14

19 Radio



Competition
A WEB SITE FOR THE SERIOUS RACER

20 Kit Bag K, P.

SL 3×12

アンテナパイプ
Antenna Pipe

C0806A

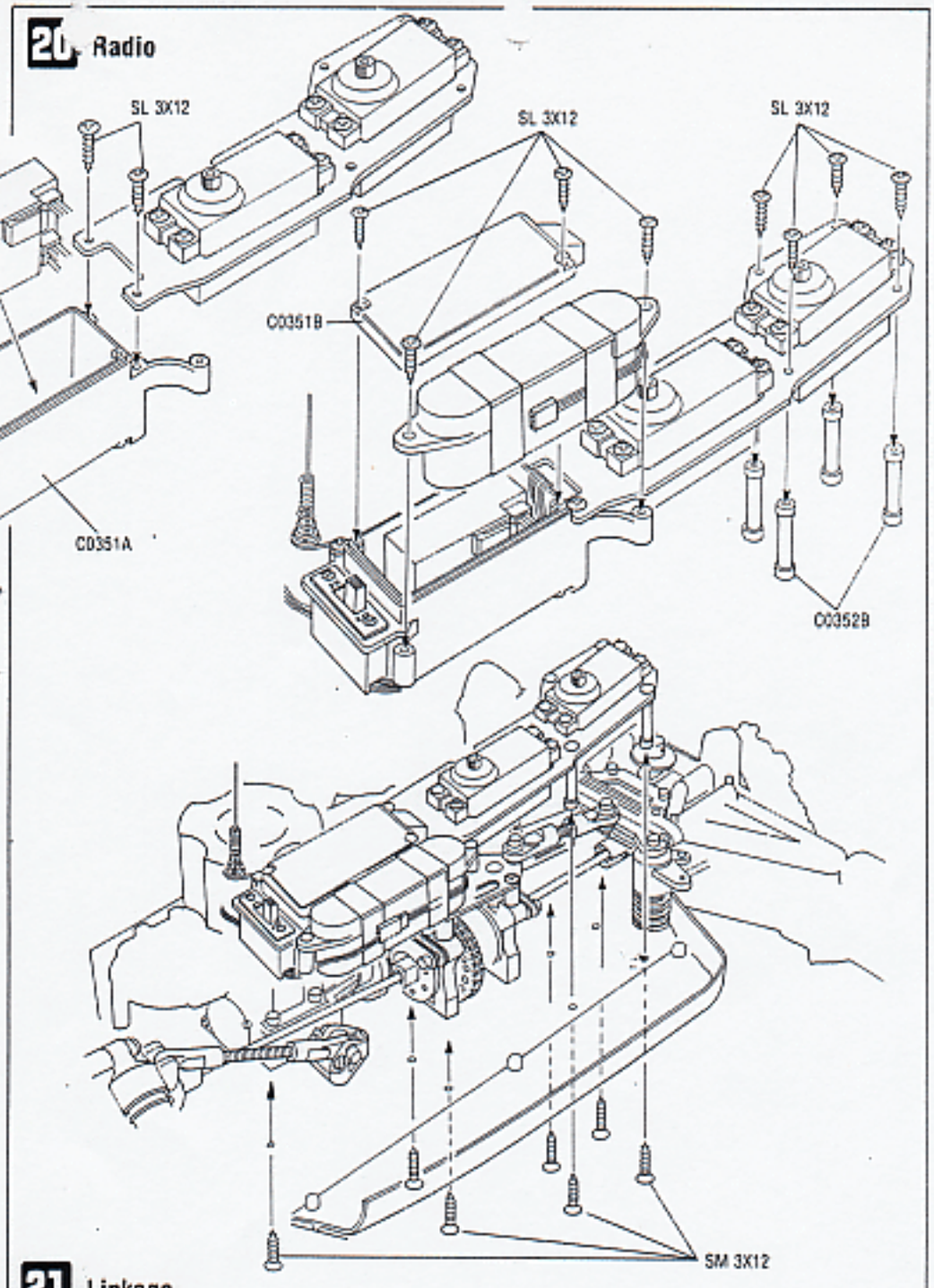
スイッチ付属ビス
Switch Screw

スイッチ
Switch

＊サンワのスイッチをご使用の方はリードハーネスを別にお買い求めください。
If you use the Switch of Sanwa.
Need lead harness.

SM 3×12

20 Radio



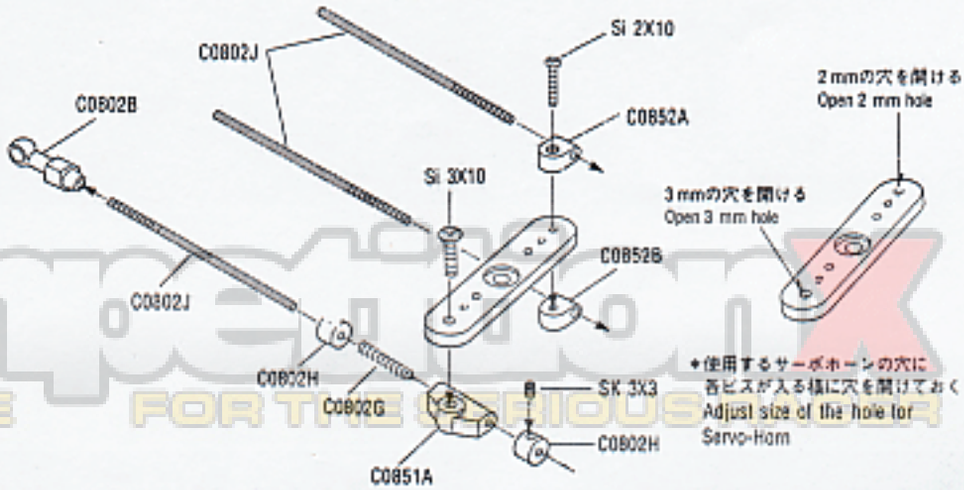
21 Kit Bag M.

SK 3×3

Si 2×10

Si 3×10

21 Linkage



Competition
A WEB SITE FOR THE SERIOUS RACER

22 Kit Bag M. P.

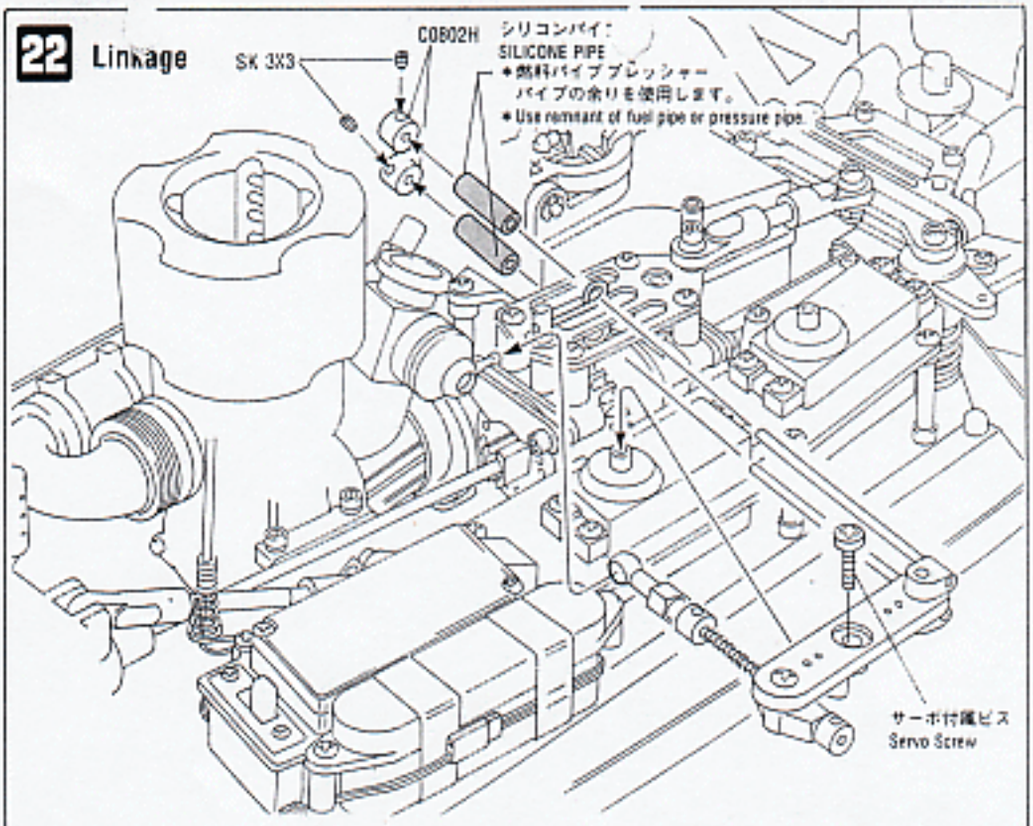
SK 3×3

シリコンパイプ

★燃料パイププレッシャーパイプの余りを使用します。
★Use remnant of fuel pipe or pressure pipe.

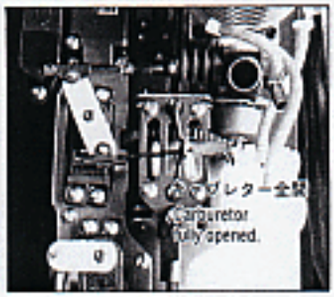
約10mmの長さで使用します。

22 Linkage

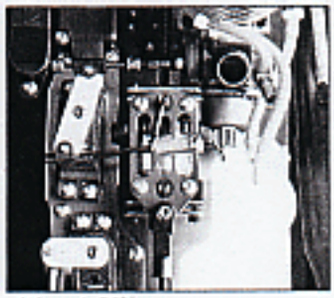


Proper Brake Linkage Adjustment

（アイドリングの時）
φ2ストッパーの位置を調整します。
ブレーキは効かない状態です。
Engin at idle
Adjust C0802H so brakes disengage.



（エンコンハイの時）
全開になる様にサーボホーンの穴の位置を調整します。
Engine at full throttle
Adjust servo horn position to disengage brakes.

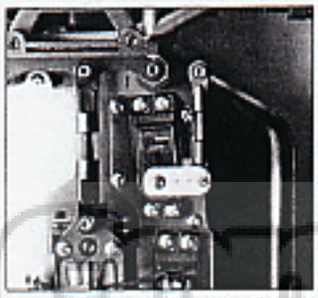


（ブレーキの時）
ブレーキが効くようにφ2ストッパーの位置を調整します。
To engage brakes
Adjust C0802H to engage brakes.

23 Kit Bag H.

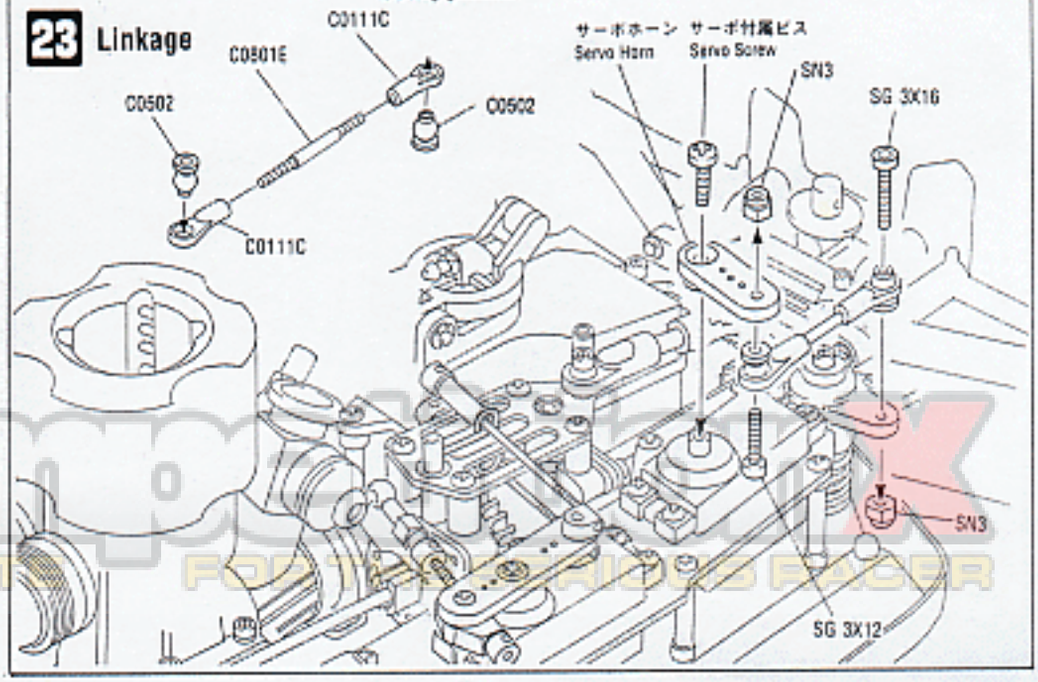
SG 3×16

SN3(Nyron nut)



ロッドの長さは、搭載するサーボにより異なります。サーボセイバーとサーボホーンは平行になる様に、ロッドの長さを調整してください。
The length of the steering rod will vary according to the type of servo. When determining rod length, make sure the servo saver and servo horn are parallel as shown.

23 Linkage



WEB SITE FOR THE AMERICAN RACER

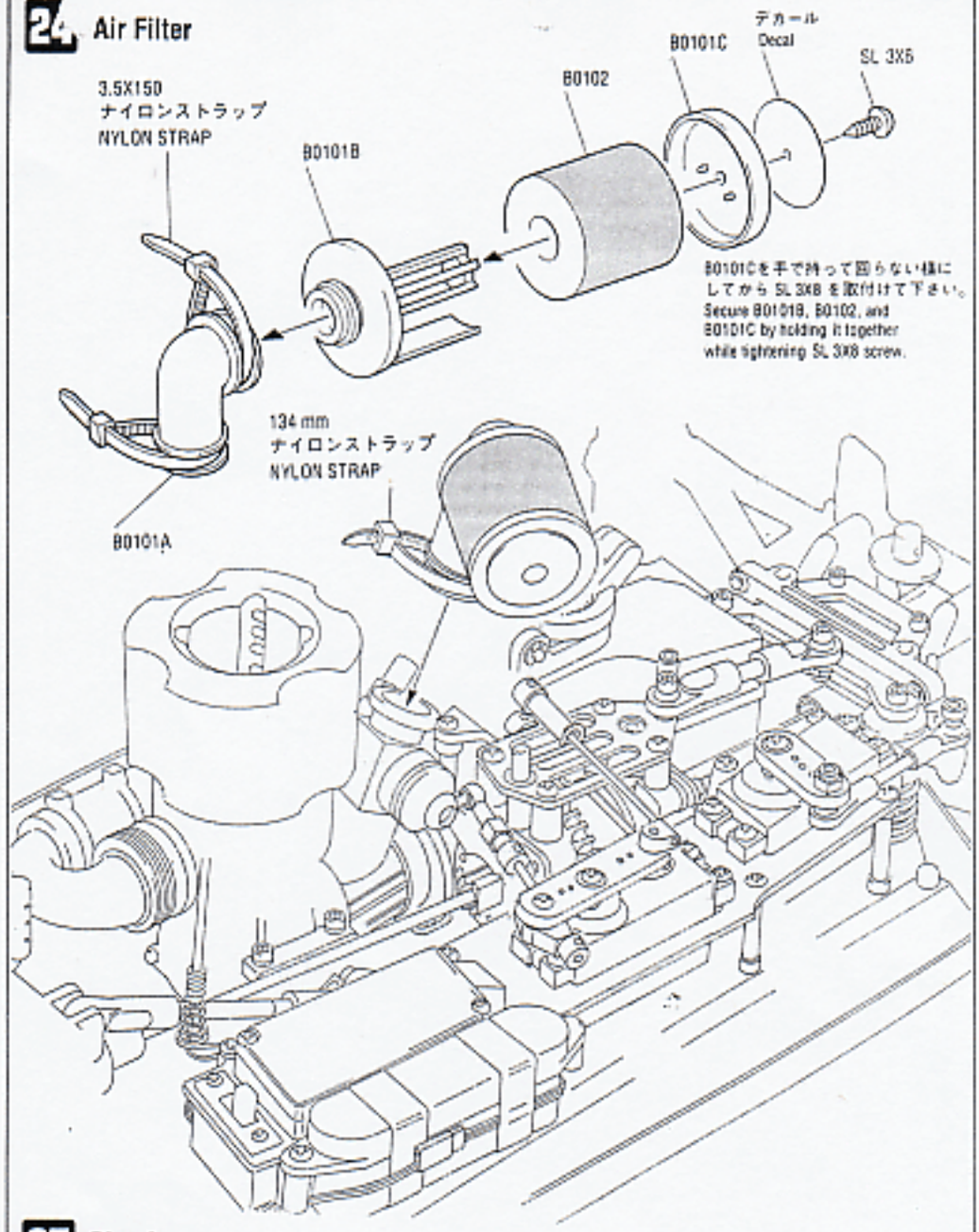
24 Kit Bag O.

SL 3×6

エアークリーナーのスポンジには必ず、B0302エアーフィルターオイル（別売）をしみ込ませてから使用して下さい。エンジンの耐久性に大きく影響します。
Be sure to soak the sponge element with filter oil (not included) before running your engine. This is very important for long engine life.

（オプションパーツ/Option parts）
＝B0302 エアーフィルターオイル
＝B0302 AIR FILTER OIL

24 Air Filter



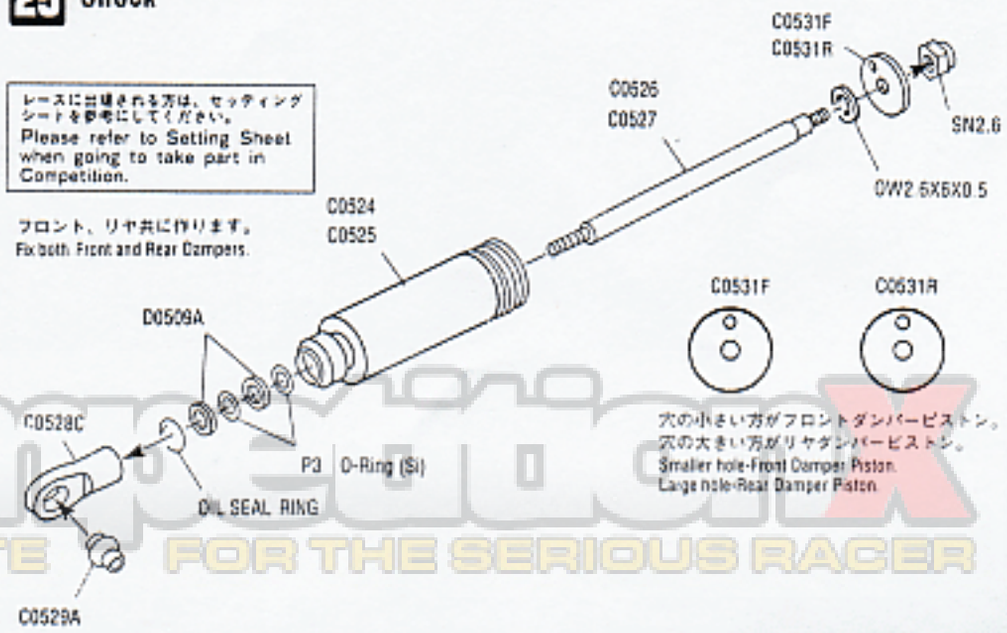
25 Kit Bag N.

OW2.6×6×0.5

SN2.6(Nyron nut)

P3 O-Ring

25 Shock



レースに出場される方は、セッティングシートを参考にしてください。
Please refer to Setting Sheet when going to take part in Competition.

フロント、リヤ共に作ります。
Fix both Front and Rear Dampers.

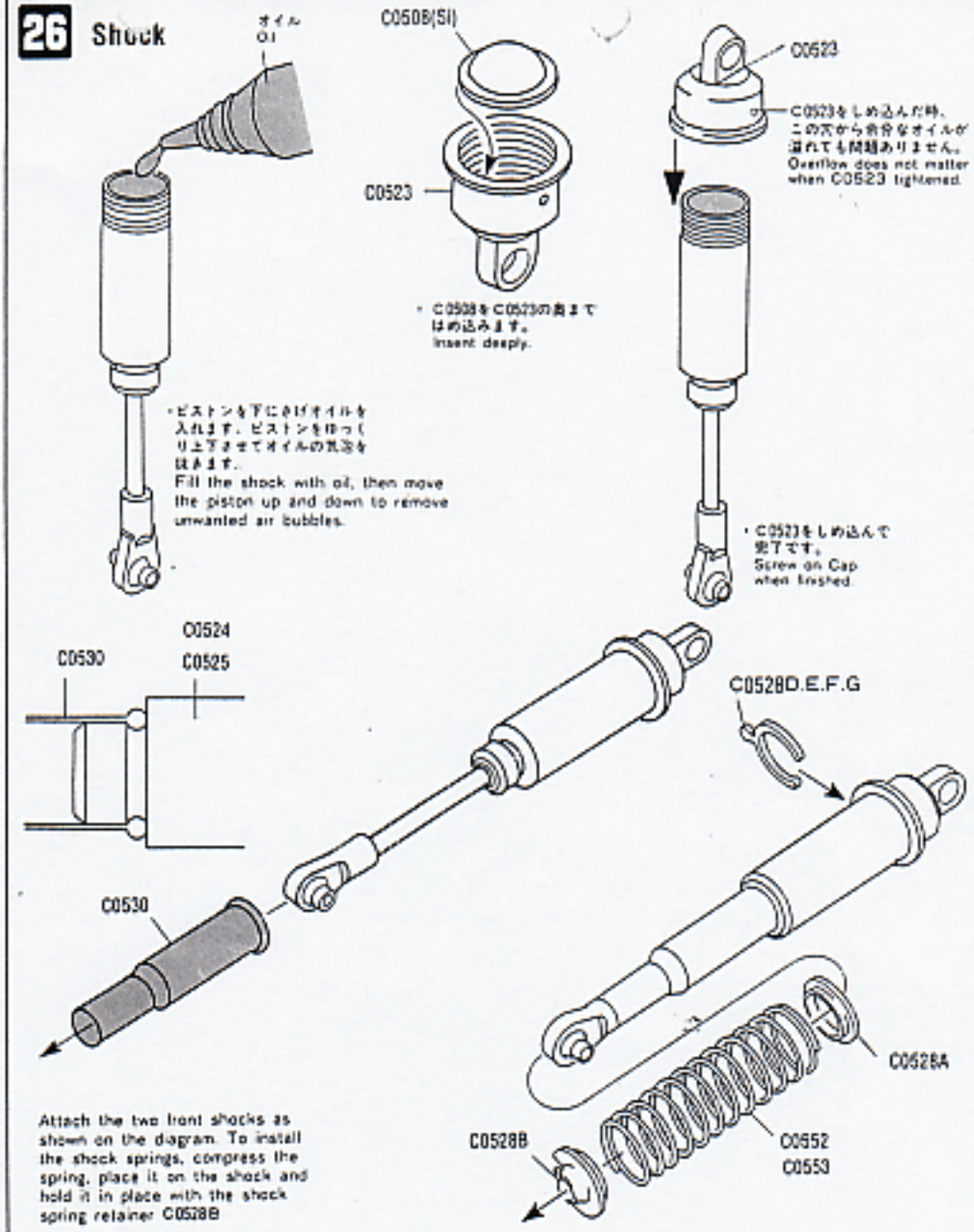
次の小さい方がフロントダンパーピストン。
次の大きい方がリヤダンパーピストン。
Smaller hole-Front Damper Piston.
Large hole-Rear Damper Piston.

Competition Link
A WEB SITE FOR THE SERIOUS RACER

26 Kit Bag N.

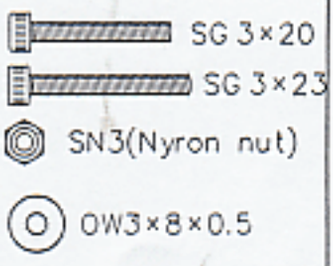
(オプションパーツ/Option parts)
B0310 スーパーシリコン#100
B0311 スーパーシリコン#150
B0312 スーパーシリコン#200
B0313 スーパーシリコン#250
B0314 スーパーシリコン#300
B0315 スーパーシリコン#350
B0316 スーパーシリコン#400
B0310 SUPER CILICONE #100
B0311 SUPER CILICONE #150
B0312 SUPER CILICONE #200
B0313 SUPER CILICONE #250
B0314 SUPER CILICONE #300
B0315 SUPER CILICONE #350
B0316 SUPER CILICONE #400

26 Shock

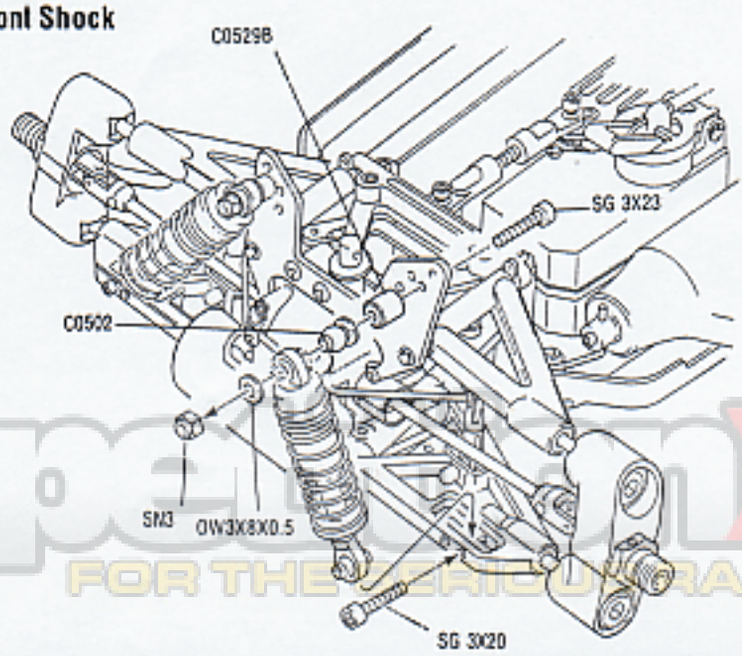


Attach the two front shocks as shown on the diagram. To install the shock springs, compress the spring, place it on the shock and hold it in place with the shock spring retainer C0528B

27 Kit Bag.N.



27 Front Shock

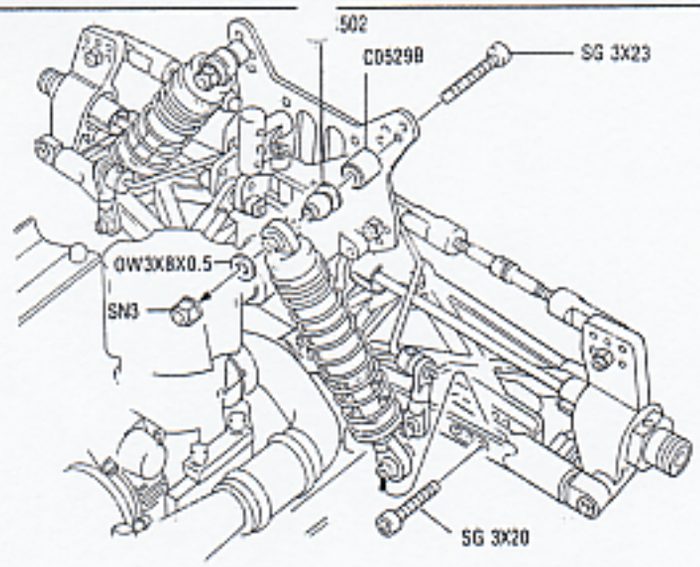


Competition X
A WEB SITE FOR THE SERIOUS RACER

28 Kit Bag N.

- SG 3×20
- SG 3×23
- SN3(Nyron nut)
- OW3×8×0.5

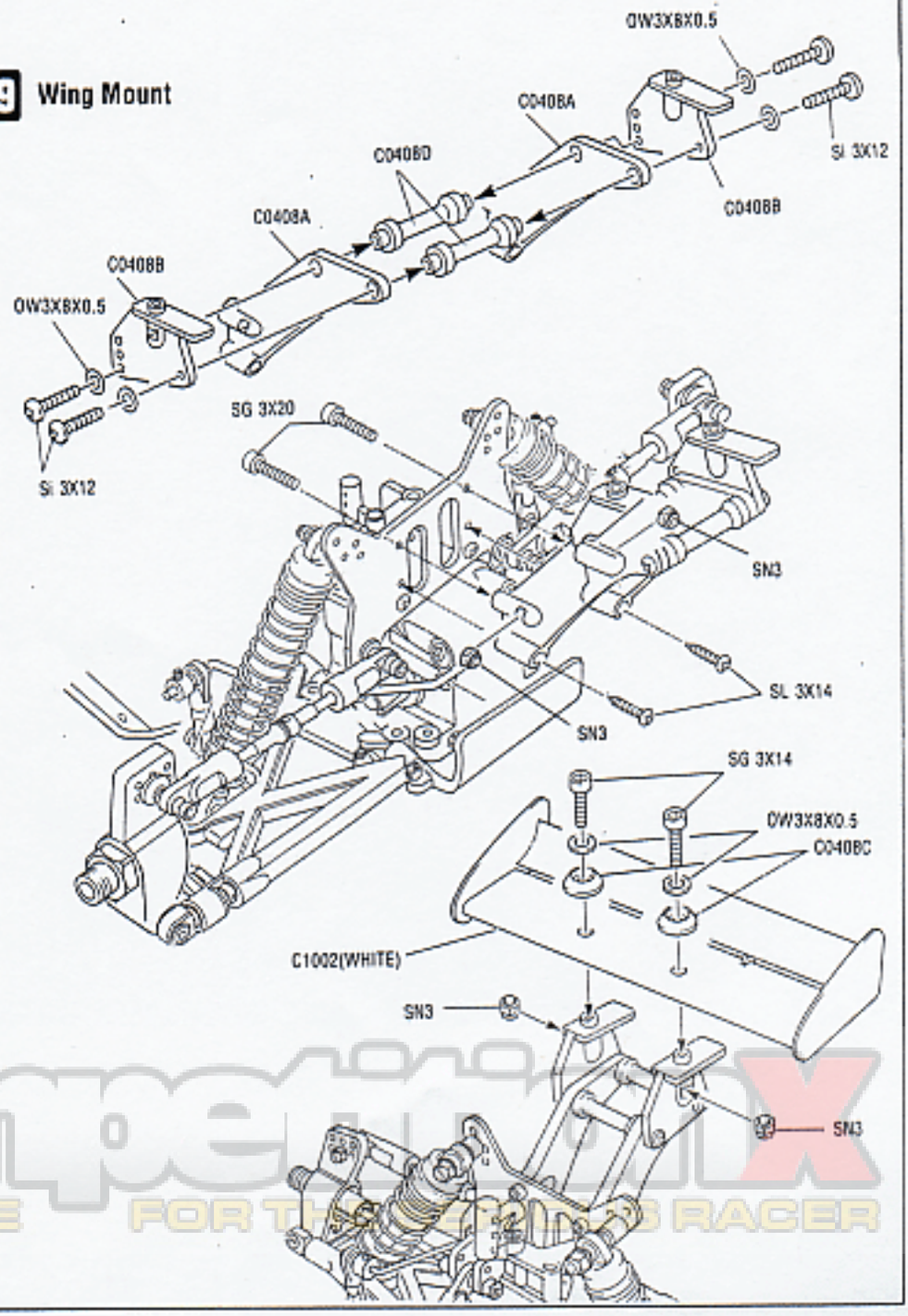
28 Rear Shock



29 Kit Bag J.

- Si 3×12
- SL 3×14
- SG 3×14
- SG 3×20
- OW3×8×0.5
- SN3(Nyron nut)

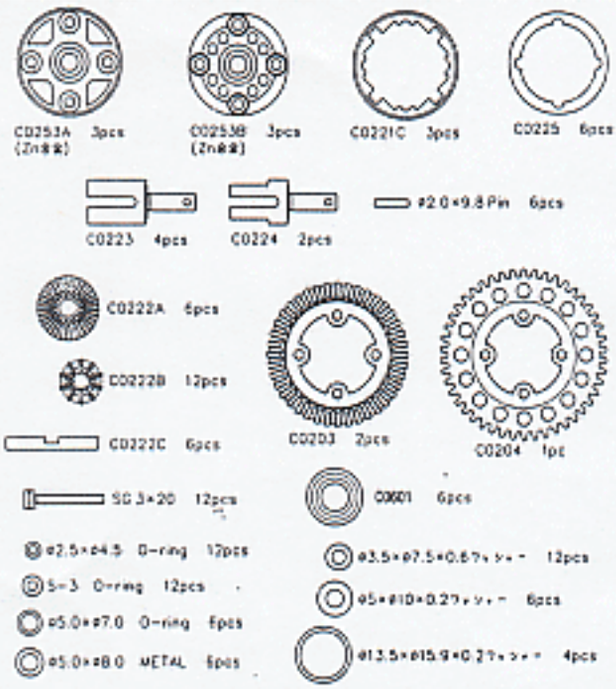
29 Wing Mount



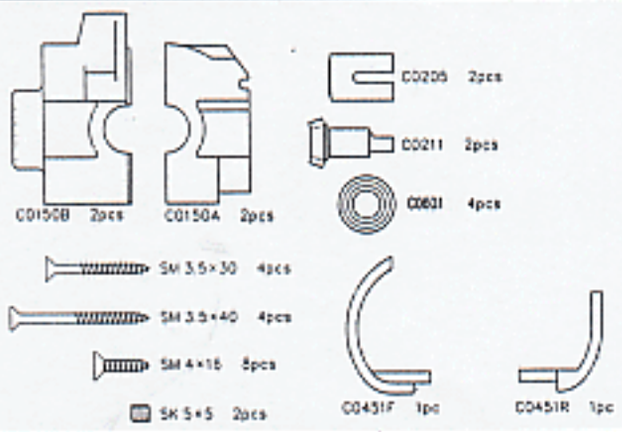
Competition X
A WEB SITE FOR THE [illegible] RACER

キット袋詰め明細　Kit - Bag Details

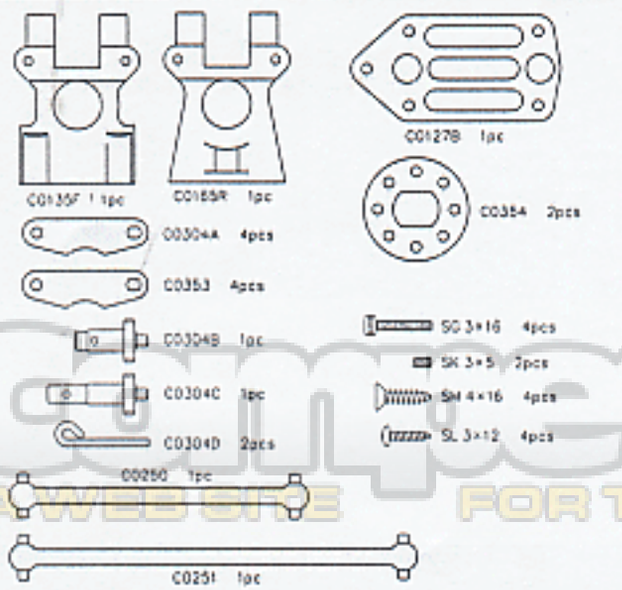
Kit - Bag A



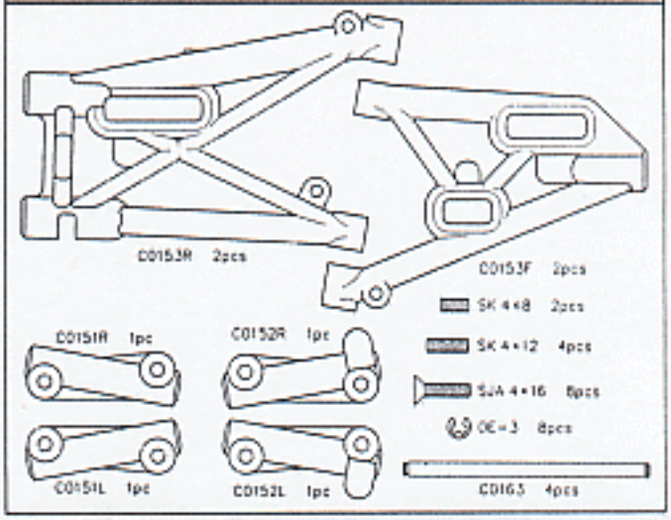
Kit - Bag B



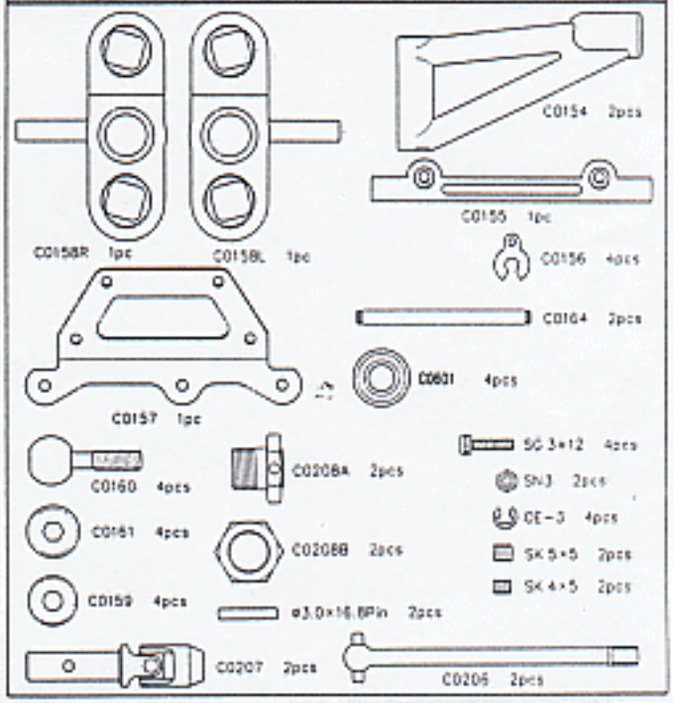
Kit - Bag C



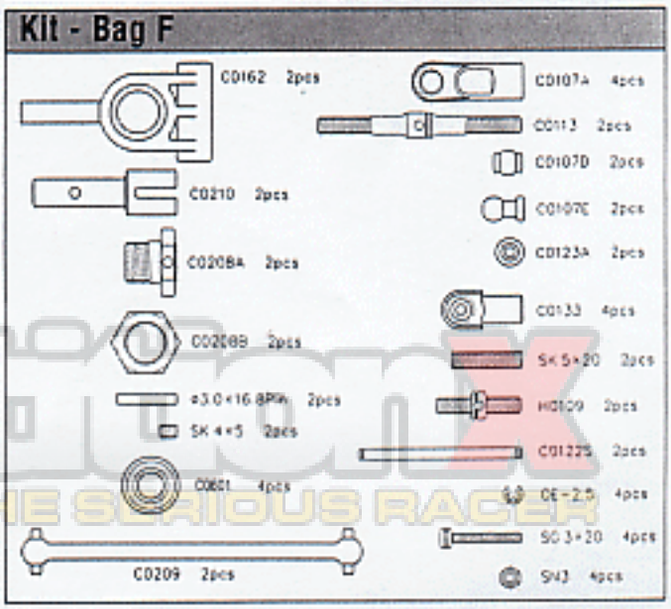
Kit - Bag D



Kit - Bag E



Kit - Bag F

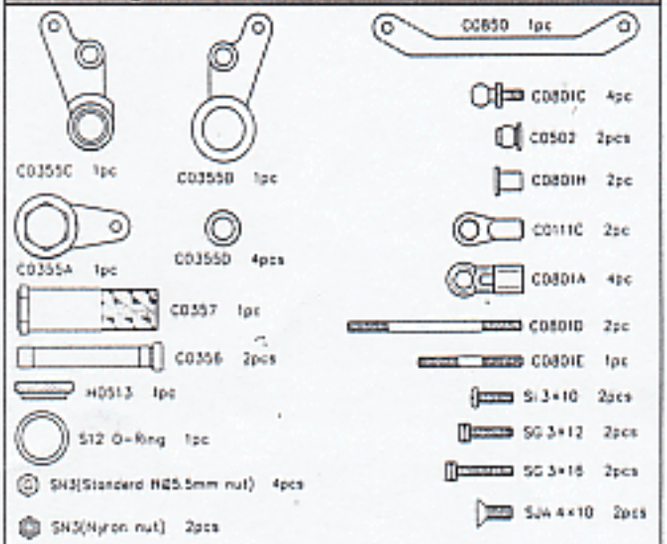


competitionkit
AWESOME FOR THE SERIOUS RACER

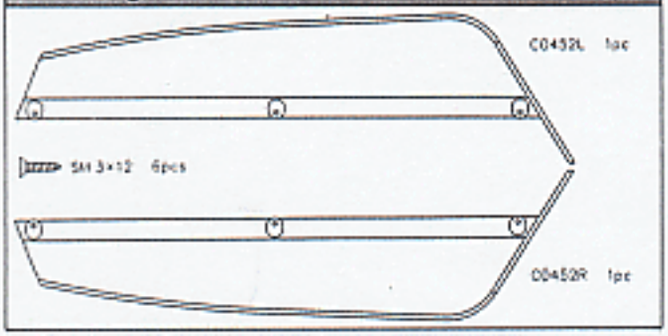
キット袋詰め明細 Kit - Bag Details

Kit - Bag G

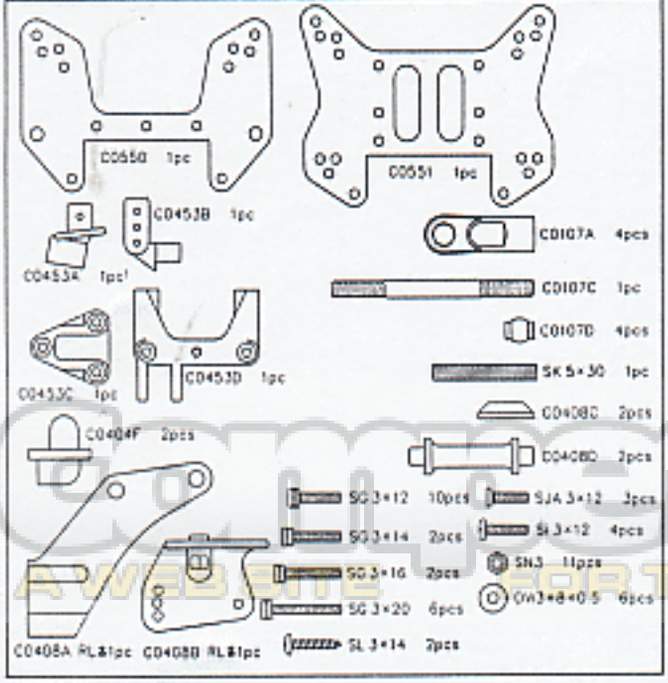
Kit - Bag H



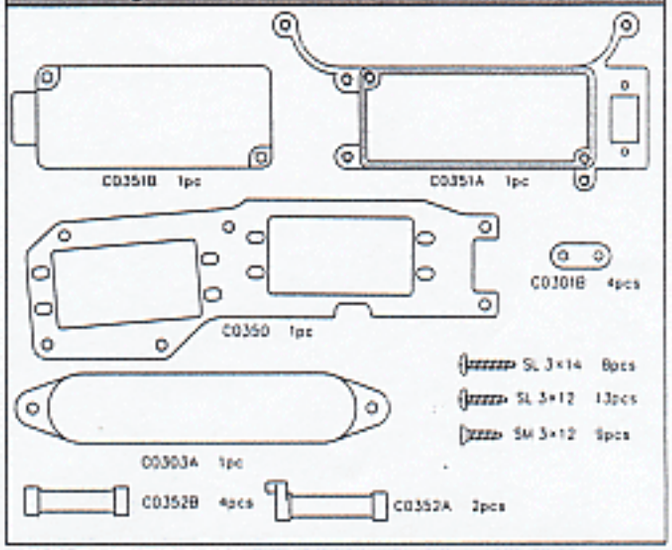
Kit - Bag I



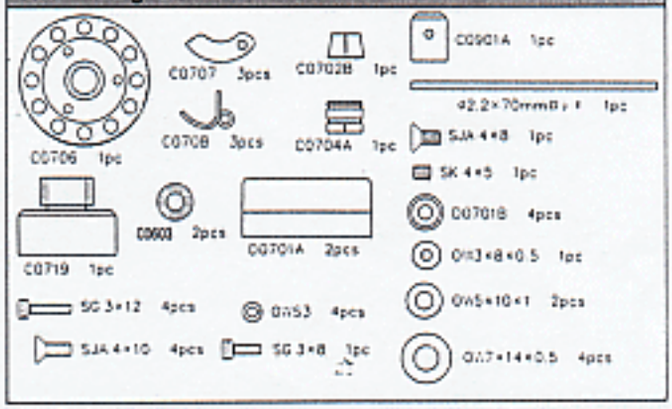
Kit - Bag J



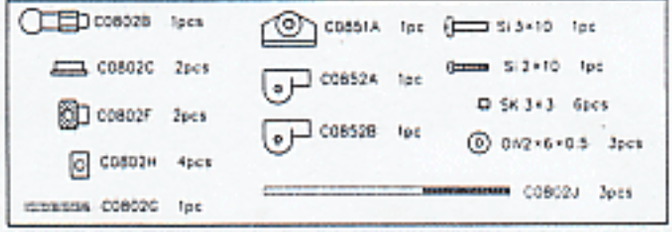
Kit - Bag K



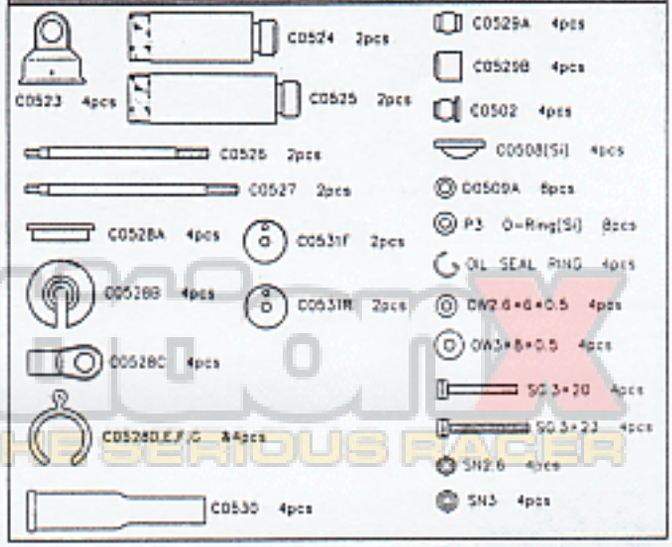
Kit - Bag L



Kit - Bag M



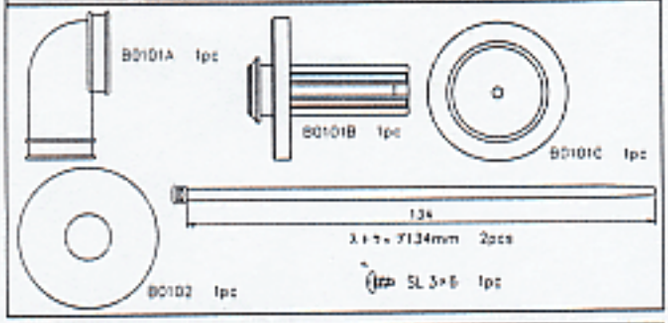
Kit - Bag N



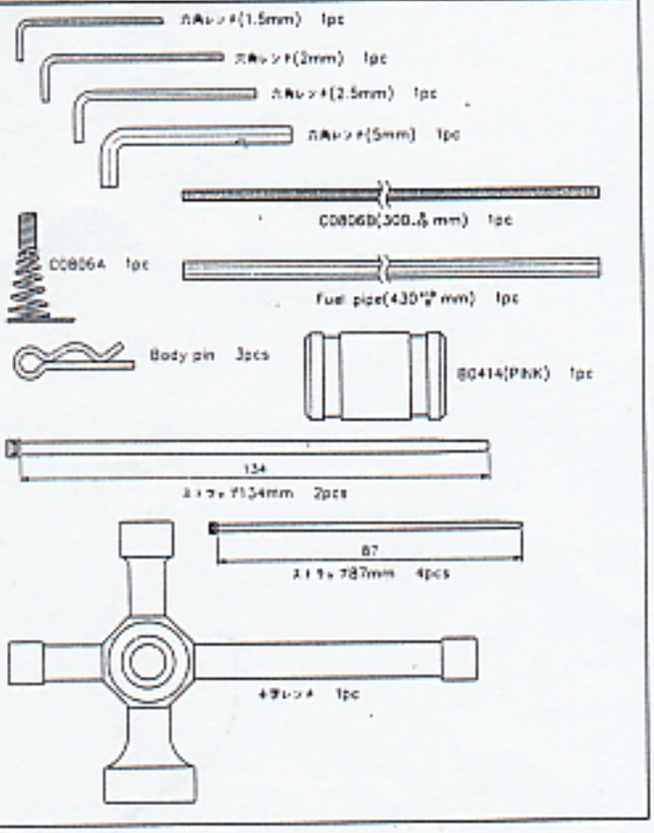
Competition X
A WEBSITE FOR THE SERIOUS RACER

キット袋詰め明細　Kit - Bag Details

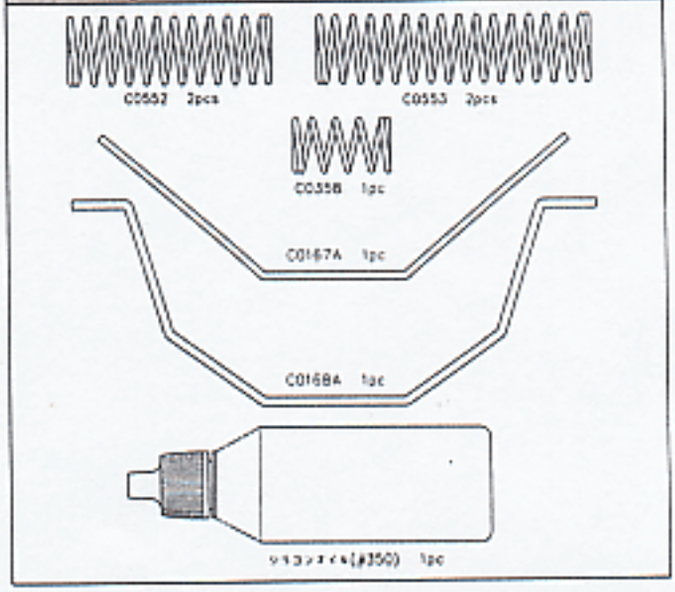
Kit - Bag O

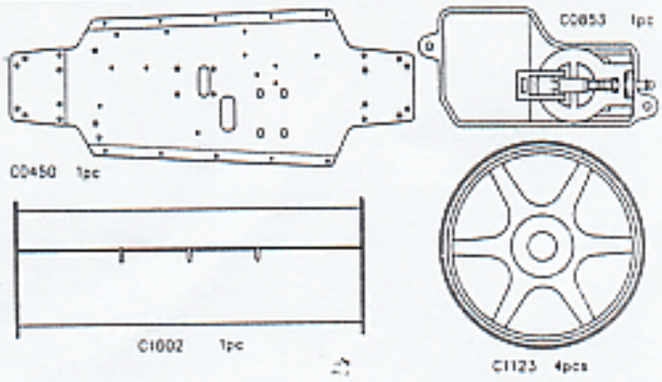


Kit - Bag P



Kit - Bag Q





C1013 ボディ　1pc
C1014 組み立て説明書　1pc
C1015 ステッカー　1pc
セットアップ シート　1pc

CompetitionX
A WEB SITE FOR THE SERIOUS RACER